


**STATE OF UTAH**  
DEPARTMENT OF NATURAL RESOURCES  
DIVISION OF OIL, GAS AND MINING

FORM 3

AMENDED REPORT ☐

<b>APPLICATION FOR PERMIT TO DRILL</b>				<b>1. WELL NAME and NUMBER</b> CWU 1433-22D		
<b>2. TYPE OF WORK</b> DRILL NEW WELL <input checked="" type="checkbox"/> REENTER P&A WELL <input type="checkbox"/> DEEPEN WELL <input type="checkbox"/>				<b>3. FIELD OR WILDCAT</b> NATURAL BUTTES		
<b>4. TYPE OF WELL</b> Gas Well Coalbed Methane Well: NO				<b>5. UNIT or COMMUNITIZATION AGREEMENT NAME</b> CHAPITA WELLS		
<b>6. NAME OF OPERATOR</b> EOG Resources, Inc.				<b>7. OPERATOR PHONE</b> 435 781-9111		
<b>8. ADDRESS OF OPERATOR</b> 1060 East Highway 40, Vernal, UT, 84078				<b>9. OPERATOR E-MAIL</b> kaylene_gardner@eogresources.com		
<b>10. MINERAL LEASE NUMBER (FEDERAL, INDIAN, OR STATE)</b> UTU0283A		<b>11. MINERAL OWNERSHIP</b> FEDERAL <input checked="" type="checkbox"/> INDIAN <input type="checkbox"/> STATE <input type="checkbox"/> FEE <input type="checkbox"/>		<b>12. SURFACE OWNERSHIP</b> FEDERAL <input checked="" type="checkbox"/> INDIAN <input type="checkbox"/> STATE <input type="checkbox"/> FEE <input type="checkbox"/>		
<b>13. NAME OF SURFACE OWNER (if box 12 = 'fee')</b>				<b>14. SURFACE OWNER PHONE (if box 12 = 'fee')</b>		
<b>15. ADDRESS OF SURFACE OWNER (if box 12 = 'fee')</b>				<b>16. SURFACE OWNER E-MAIL (if box 12 = 'fee')</b>		
<b>17. INDIAN ALLOTTEE OR TRIBE NAME (if box 12 = 'INDIAN')</b>		<b>18. INTEND TO COMMINGLE PRODUCTION FROM MULTIPLE FORMATIONS</b> YES <input type="checkbox"/> (Submit Commingling Application) NO <input checked="" type="checkbox"/>		<b>19. SLANT</b> VERTICAL <input type="checkbox"/> DIRECTIONAL <input checked="" type="checkbox"/> HORIZONTAL <input type="checkbox"/>		
<b>20. LOCATION OF WELL</b>	<b>FOOTAGES</b>	<b>QTR-QTR</b>	<b>SECTION</b>	<b>TOWNSHIP</b>	<b>RANGE</b>	<b>MERIDIAN</b>
<b>LOCATION AT SURFACE</b>	366 FNL 2128 FWL	NENW	22	9.0 S	22.0 E	S
<b>Top of Uppermost Producing Zone</b>	201 FSL 1920 FWL	SESW	15	9.0 S	22.0 E	S
<b>At Total Depth</b>	201 FSL 1920 FWL	SESW	15	9.0 S	22.0 E	S
<b>21. COUNTY</b> UINTAH		<b>22. DISTANCE TO NEAREST LEASE LINE (Feet)</b> 201		<b>23. NUMBER OF ACRES IN DRILLING UNIT</b> 1360		
		<b>25. DISTANCE TO NEAREST WELL IN SAME POOL (Applied For Drilling or Completed)</b> 490		<b>26. PROPOSED DEPTH</b> MD: 9697 TVD: 9670		
<b>27. ELEVATION - GROUND LEVEL</b> 4901		<b>28. BOND NUMBER</b> NM2308		<b>29. SOURCE OF DRILLING WATER / WATER RIGHTS APPROVAL NUMBER IF APPLICABLE</b> 49-225		

**ATTACHMENTS****VERIFY THE FOLLOWING ARE ATTACHED IN ACCORDANCE WITH THE UTAH OIL AND GAS CONSERVATION GENERAL RULES**

<input checked="" type="checkbox"/> <b>WELL PLAT OR MAP PREPARED BY LICENSED SURVEYOR OR ENGINEER</b>	<input checked="" type="checkbox"/> <b>COMPLETE DRILLING PLAN</b>
<input type="checkbox"/> <b>AFFIDAVIT OF STATUS OF SURFACE OWNER AGREEMENT (IF FEE SURFACE)</b>	<input type="checkbox"/> <b>FORM 5. IF OPERATOR IS OTHER THAN THE LEASE OWNER</b>
<input type="checkbox"/> <b>DIRECTIONAL SURVEY PLAN (IF DIRECTIONALLY OR HORIZONTALLY DRILLED)</b>	<input checked="" type="checkbox"/> <b>TOPOGRAPHICAL MAP</b>
<b>NAME</b> Kaylene Gardner	<b>TITLE</b> Regulatory Administrator
<b>SIGNATURE</b>	<b>DATE</b> 03/26/2009
<b>PHONE</b> 435 781-9111	<b>EMAIL</b> kaylene_gardner@eogresources.com
<b>API NUMBER ASSIGNED</b> 43047503190000	<b>APPROVAL</b>  Permit Manager

Proposed Hole, Casing, and Cement						
String	Hole Size	Casing Size	Top (MD)	Bottom (MD)		
Surf	12.25	9.625	0	9697		
Pipe	Grade	Length	Weight			
	Grade J-55 ST&C	2500	36.0			

Proposed Hole, Casing, and Cement						
String	Hole Size	Casing Size	Top (MD)	Bottom (MD)		
Prod	7.875	4.5	0	9697		
Pipe	Grade	Length	Weight			
	Grade HCP-110 LT&C	9697	11.6			

T9S, R22E, S.L.B.&M.

EOG RESOURCES, INC.

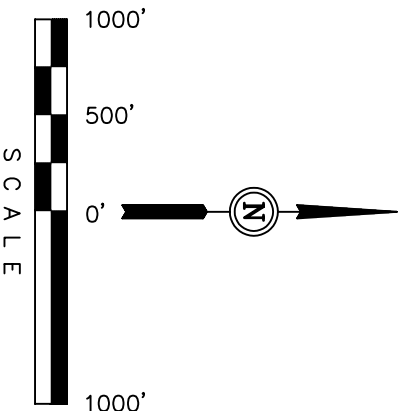
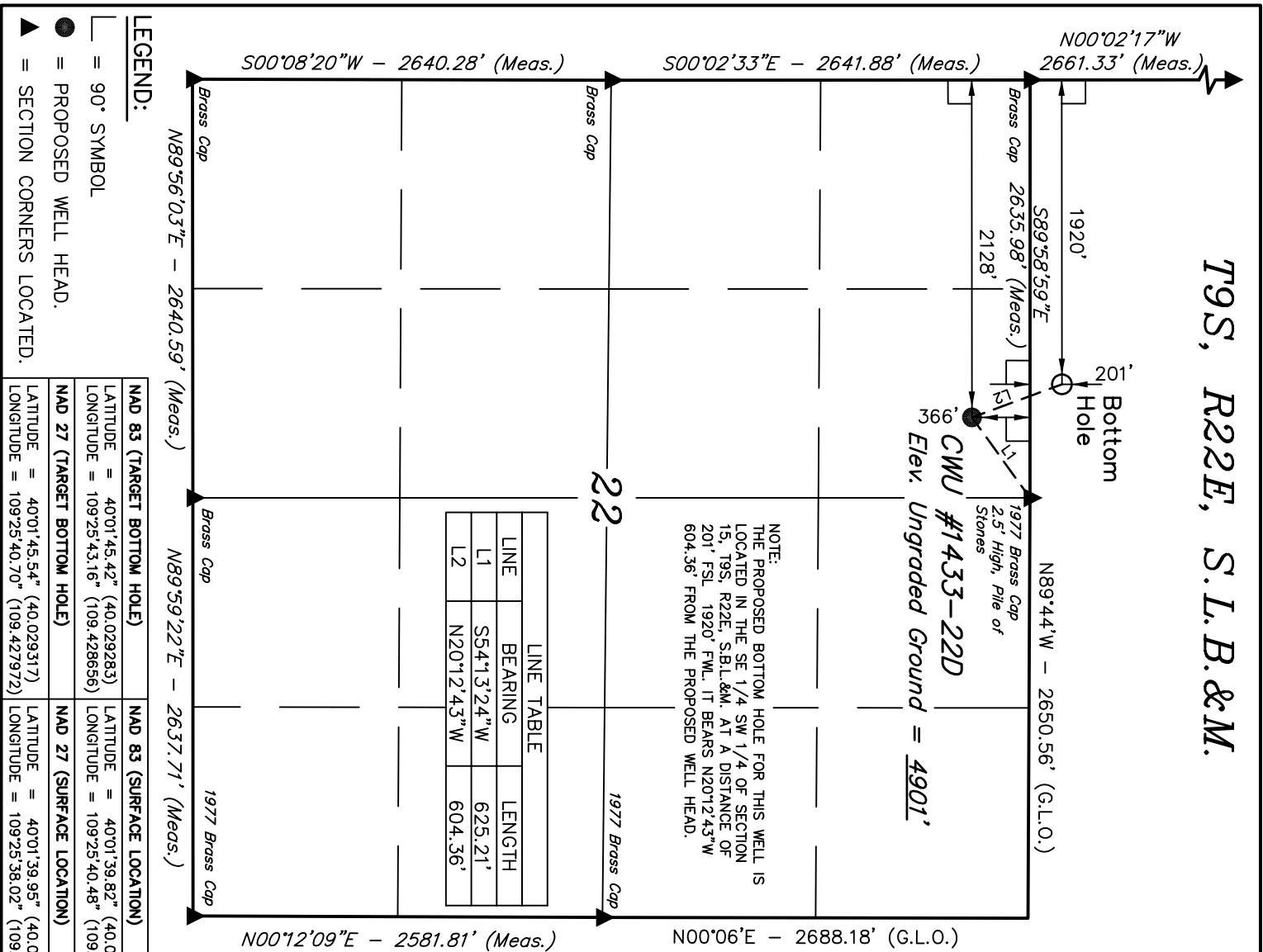
Well location, CWU #1433-22D, located as shown in the NE 1/4 NW 1/4 of Section 22, T9S, R22E, S.L.B.&M., Uintah County, Utah.

BASIS OF ELEVATION

BENCH MARK 20EAM LOCATED IN THE SE 1/4 OF SECTION 35, T8S, R21E, S.L.B.&M., TAKEN FROM THE OURAY SE QUADRANGLE, UTAH, UINTAH COUNTY, 7.5 MINUTE QUAD. (TOPOGRAPHIC MAP) PUBLISHED BY THE UNITED STATES DEPARTMENT OF THE INTERIOR, GEOLOGICAL SURVEY. SAID ELEVATION IS MARKED AS BEING 4697 FEET.

BASIS OF BEARINGS

BASIS OF BEARINGS IS A G.P.S. OBSERVATION.



CERTIFICATE  
THIS IS TO CERTIFY THAT THE ABOVE PLAT WAS PREPARED FROM FIELD NOTES OF ACTUAL SURVEYS MADE BY ME OR UNDER MY SUPERVISION AND THAT THE SAME ARE TRUE AND CORRECT TO THE BEST OF MY KNOWLEDGE AND BELIEF.

REVISED: 01-13-09  
REVISED: 12-18-08  
REVISED: 10-03-08

REGISTERED LAND SURVEYOR  
REGISTRATION NO. 161319  
STATE OF UTAH  
KATY

UINTAH ENGINEERING & LAND SURVEYING  
86 SOUTH 200 EAST - VERNAL, UTAH 84078  
(435) 789-1017

SCALE	1" = 1000'	DATE SURVEYED:	DATE DRAWN:
PARTY	C.R. S.B. D.P.	9-11-08	09-16-08
WEATHER	COOL & RAINY	REFERENCES	G.L.O. PLAT
		FILE	EOG RESOURCES, INC.



## EOG RESOURCES EIGHT POINT PLAN

### CHAPITA WELLS UNIT 1433-22D NE/NW, SEC. 22, T9S, R22E, S.L.B.&M. UINTAH COUNTY, UTAH

#### 1. & 2. ESTIMATED TOPS & ANTICIPATED OIL, GAS, & WATER ZONES:

FORMATION	TVD-RKB (ft)	MD-RKB (ft)	Lithology	Objective
Green River	1,752	1,767	Shale	
Mahogany Oil Shale Bed	2,408	2,418	Shale	
Wasatch	4,818	4,836	Sandstone	
Chapita Wells	5,420	5,441	Sandstone	
Buck Canyon	6,119	6,143	Sandstone	
North Horn	6,787	6,813	Sandstone	
KMV Price River	7,326	7,354	Sandstone	Primary - Gas
KMV Price River Middle	8,180	8,208	Sandstone	Primary - Gas
KMV Price River Lower	8,959	8,987	Sandstone	Primary - Gas
Sego	9,467	9,496	Sandstone	
<b>TD</b>	<b>9,670</b>	<b>9,697</b>		

**Estimated TD: 9,697' MD or 200'± below TD**

**Anticipated BHP: 5,512 Psig**

- Fresh Waters may exist in the upper, approximately 1,000 ft ± of the Green River Formation, with top at about 2,000 ft ±.
- Cement isolation is installed to surface of the well isolating all zones by cement.

#### 3. PRESSURE CONTROL EQUIPMENT:

Production Hole – 5000 Psig  
BOP schematic diagrams attached.

#### 4. CASING PROGRAM:

CASING	Hole Size	Length	Size	WEIGHT	Grade	Thread	Rating Collapse	Factor Burst	Tensile
Conductor	26"	0 – 60' +/-	16"	48.0#	H-40	STC	770 PSI	1730 PSI	322,000#
Surface	12 ¼"	0 – 2,500' KB± 200'	9-5/8"	36.0#	J-55	STC	2020 PSI	3520 Psi	394,000#
Production	7-7/8"	Surface – TD	4-½"	11.6#	HCP-110	LTC	8650 PSI	10690 Psi	279,000#

**Note:** 12-¼" surface hole will be drilled to a total depth of 200'± below the base of the Green River lost circulation zone and cased w/9-5/8" as shown to that depth. Drilled depth may be shallower or deeper than the 2500' shown above depending on the actual depth of the loss zone.

**All casing will be new or inspected.**

## **EOG RESOURCES EIGHT POINT PLAN**

### **CHAPITA WELLS UNIT 1433-22D NE/NW, SEC. 22, T9S, R22E, S.L.B.&M. UINTAH COUNTY, UTAH**

#### **5. Float Equipment:**

##### **Surface Hole Procedure (0' - 2300'±)**

Guide Shoe

Insert Float Collar (PDC drillable)

Centralizers: 1-5' above shoe, top of jts. #2 and #3 then every 5<sup>th</sup> joint to surface.

##### **Production Hole Procedure (2300'± - TD):**

Float shoe, 1 joint casing, float collar and balance of casing to surface. 4-½", 11.6#, HCP-110 or equivalent marker collars or short casing joints to be placed at top of Price River and 400' above top of Wasatch. Centralizers to be placed 5' above shoe on joint #1, top of joint #2, and every 2nd joint to 400' above Wasatch Island top. Thread lock float shoe, top and bottom of float collar, and top of 2<sup>nd</sup> joint.

#### **6. MUD PROGRAM**

##### **Surface Hole Procedure (Surface - 2300'±):**

**Surface' - 2500±** A closed mud system will be utilized with a gelled bentonite system. LCM sweeps, additions, etc. will be utilized as necessary.

##### **Production Hole Procedure (2500'± - TD):**

Anticipated mud weight 9.5 – 10.5 ppg depending on actual wellbore conditions encountered while drilling.

**2500'± - TD** A closed mud system will be utilized. A bentonite gelled water mud system will be used to control viscosity w/PHPA polymer used for supplemental viscosity and clay encapsulation/inhibition. Water loss will be maintained at <15cc's using white starch or PAC. Bactericides will be used as needed. Anticipated pH will range from 9.0-10.0. Mud weight will be adjusted as necessary for well control. Deflocculants/thinners will be used as necessary to maintain mud quality. LCM sweeps will be utilized as necessary to control lost circulation and mud loss. CO2 contamination, if encountered, will be treated with lime and gypsum.

#### **7. VARIANCE REQUESTS:**

**Reference:** Onshore Oil and Gas Order No. 2 – Item E: Special Drilling Operations

EOG Resources, Inc. requests a variance to regulations requiring the blooie line to be 100' in length. Due to reduce location excavation, the blooie line will be approximately 75' in length

## **EOG RESOURCES EIGHT POINT PLAN**

### **CHAPITA WELLS UNIT 1433-22D NE/NW, SEC. 22, T9S, R22E, S.L.B.&M. UINTAH COUNTY, UTAH**

#### **8. EVALUATION PROGRAM:**

**Logs:** Unmanned gas unit from base of surface casing to TD.  
**Cased-hole Logs:** Cased-hole logs will be run in lieu of open-hole logs consisting of the following:  
**Cement Bond / Casing Collar Locator and Gamma Ray**

#### **9. CEMENT PROGRAM:**

##### **Surface Hole Procedure (Surface - 2500'±):**

**Lead: 180 sks** Class "G" cement with 16% Gel, 10 #/sx Gilsonite, 3% Salt, 2% CaCl<sub>2</sub>, 3 lb/sx GR3 ¼ #/sx Flocele mixed at 11 ppg, 3.82 ft<sup>3</sup>/sk. yield, 23 gps water.

**Tail: 150 sks** Class "G" cement with 2% CaCl<sub>2</sub>, ¼#/sk Flocele mixed at 15.6 ppg, 1.18 ft<sup>3</sup>/sk., 5.2 gps water.

**Top Out:** As necessary with Class "G" cement with 2% CaCl<sub>2</sub>, ¼#/sk Flocele mixed at 15.6 ppg, 1.18 ft<sup>3</sup>/sk., 5.2 gps water.

**Note:** Cement volumes will be calculated to bring lead cement to surface and tail cement to 500' above the casing shoe.

##### **Production Hole Procedure (2500'± - TD)**

**Lead: 280 sks:** Hi-Lift "G" w/12% D20 (Bentonite), 1% D79 (Extender), 5% D44 (Salt), 0.2% D46 (Antifoam), 0.25% D112 (Fluid Loss Additive), 0.25 pps D29 (cello flakes) mixed at 11.0 ppg, 3.91 ft<sup>3</sup>/sk., 24.5 gps water.

**Tail: 490 sks:** 50:50 Poz "G" w/ 2% D20 (Bentonite), 0.1% D46 (Antifoam), 0.075% D13 (Retarder), 0.2% D167 (Fluid Loss Additive), 0.2% D65 (Dispersant), mixed at 14.1 ppg, 1.28 ft<sup>3</sup>/sk., 5.9gps water.

**Note:** The above number of sacks is based on gauge-hole calculation.  
Lead volume to be calculated to bring cement to 200'± above 9-5/8" casing shoe.  
Tail volume to be calculated to bring cement to 400'± above top of Price River.

**Final Cement volumes will be based upon gauge-hole plus 50% excess.**

**EOG RESOURCES EIGHT POINT PLAN**

**CHAPITA WELLS UNIT 1433-22D  
NE/NW, SEC. 22, T9S, R22E, S.L.B.&M.  
UINTAH COUNTY, UTAH**

**10. ABNORMAL CONDITIONS:**

**Surface Hole (Surface - 2500'±):**

Lost circulation

**Production Hole (2500'± - TD):**

Sloughing shales, lost circulation and key seat development are possible in the Wasatch Formation.

**11. STANDARD REQUIRED EQUIPMENT:**

- A. Choke Manifold
- B. Upper and Lower Kelly Cock
- C. Stabbing Valve
- D. Visual Mud Monitoring

**12. HAZARDOUS CHEMICALS:**

No chemicals subject to reporting under SARA title III in an amount equal to or greater than 10,000 pounds will be used, produced, stored, transported, or disposed of annually in association with the drilling of this well. Furthermore, no extremely hazardous substances, as defined in 40 CFR 355, in threshold planning quantities, will be used, produced, stored, transported, or disposed of in association with the drilling of this well.

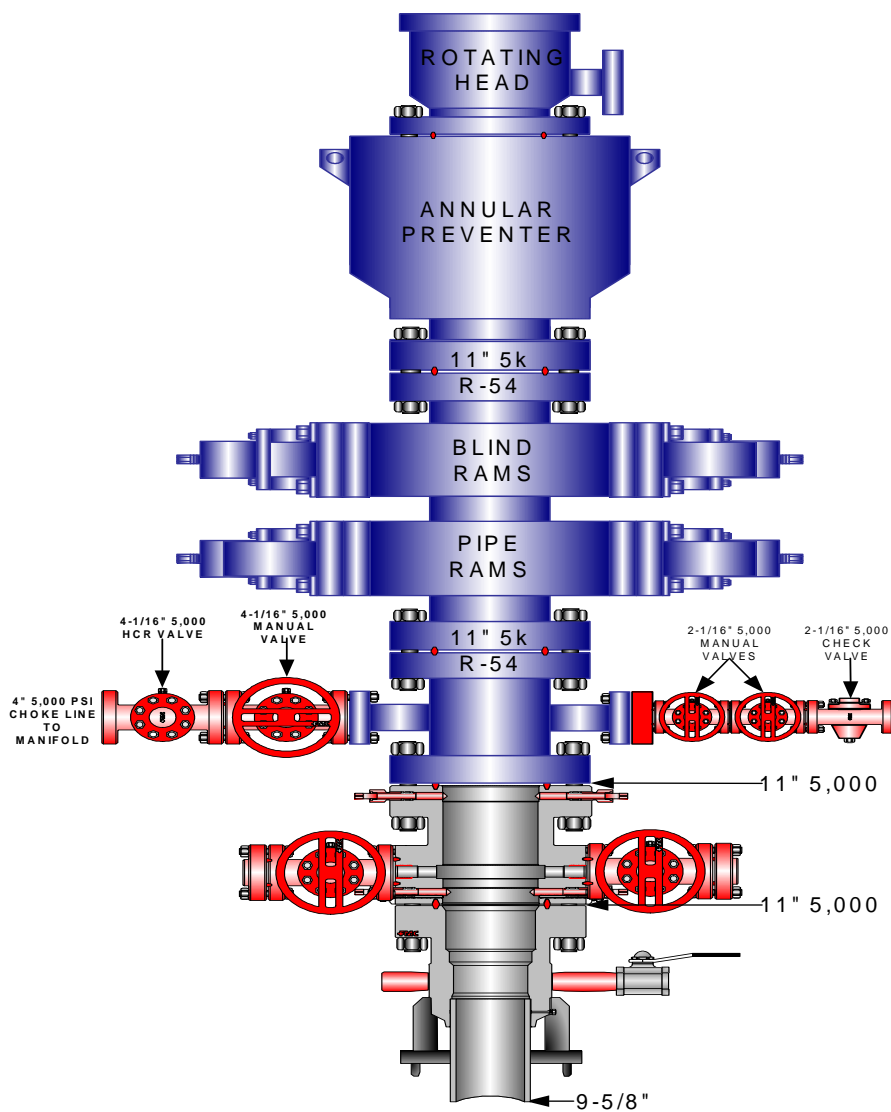
**(Attachment: BOP Schematic Diagram)**

## EOG RESOURCES EIGHT POINT PLAN

CHAPITA WELLS UNIT 1433-22D  
NE/NW, SEC. 22, T9S, R22E, S.L.B.&M.  
UINTAH COUNTY, UTAH

### BOP DIAGRAM

EOG RESOURCES 11" 5,000 PSI W.P. BOP  
CONFIGURATION



'APIWellNo:43047503190000'

Project: Uintah Co., UT  
Site: Chapita Wells Unit  
Well: CWU #1433-22D, Sec. 22  
Wellbore: Wellbore #1  
Design: Design #1

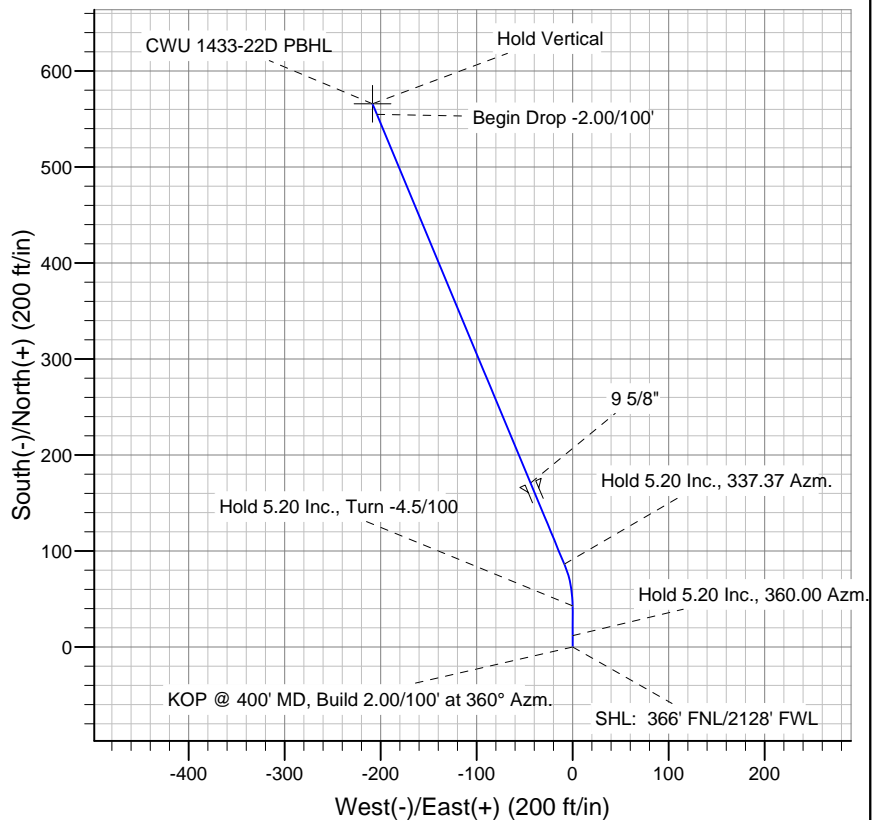
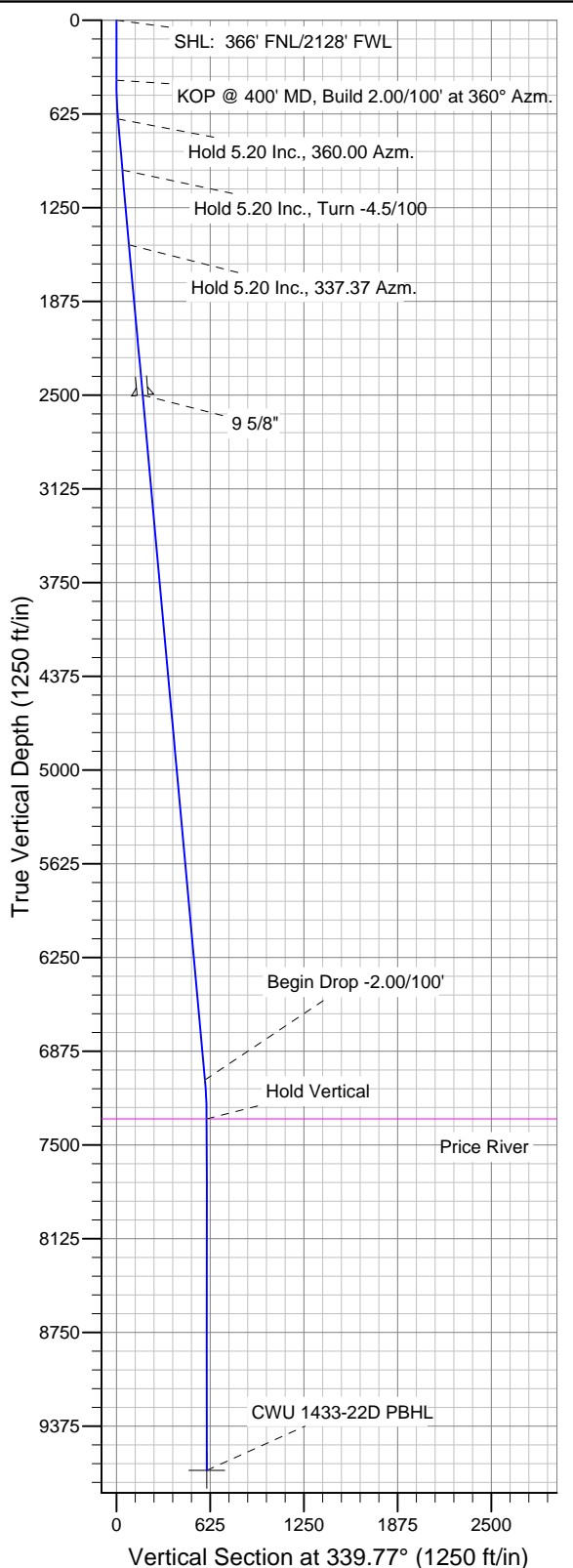


Azimuths to True North  
Magnetic North: 11.34°

Magnetic Field  
Strength: 52617.3snT  
Dip Angle: 65.97°  
Date: 2009/01/28  
Model: IGRF200510

WELL DETAILS: CWU #1433-22D, Sec. 22

+N/-S	+E/-W	Northing	Easting	Ground Level:	4901.00	Latitude	Longitude	Slot
0.00	0.00	623883.37	2580386.70			40° 1' 39.95 N	109° 25' 38.02 W	



#### ANNOTATIONS

TVD	MD	Annotation
0.01	0.01	SHL: 366' FNL/2128' FWL
400.00	400.00	KOP @ 400' MD, Build 2.00/100' at 360° Azm.
659.64	660.00	Hold 5.20 Inc., 360.00 Azm.
1000.00	1001.76	Hold 5.20 Inc., Turn -4.5/100
1497.99	1501.76	Hold 5.20 Inc., 337.37 Azm.
7067.06	7093.90	Begin Drop -2.00/100'
7327.00	7354.19	Hold Vertical

#### FORMATION TOP DETAILS

TVDPath	MDPath	Formation
7327.00	7354.19	Price River

#### SECTION DETAILS

Sec	MD	Inc	Azi	TVD	+N/-S	+E/-W	DLeg	TFace	VSec	Target
1	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	
2	400.00	0.00	0.00	400.00	0.00	0.00	0.00	0.00	0.00	
3	660.00	5.20	360.00	659.64	11.79	0.00	2.00	360.00	11.06	
4	1001.76	5.20	360.00	1000.00	42.77	0.00	0.00	0.00	40.13	
5	1501.76	5.20	337.38	1497.99	86.34	-8.72	0.41	-101.26	84.03	
6	1511.60	5.21	337.37	1507.79	87.17	-9.06	0.06	-4.75	84.92	
7	7093.90	5.21	337.37	7067.06	554.70	-203.92	0.00	500.00	500.00	

#### WELLBORE TARGET DETAILS (LAT/LONG)

Name	TVD	+N/-S	+E/-W	Latitude	Longitude	Shape
CWU 1433-22D PBHL	9670.00	565.60	-208.46	40° 1' 45.54 N	109° 25' 40.70 W	Point

#### CASING DETAILS

TVD	MD	Name	Size
2500.00	2507.92	9 5/8"	9-5/8



Plan: Design #1 (CWU #1433-22D, Sec. 22/Wellbore #1)

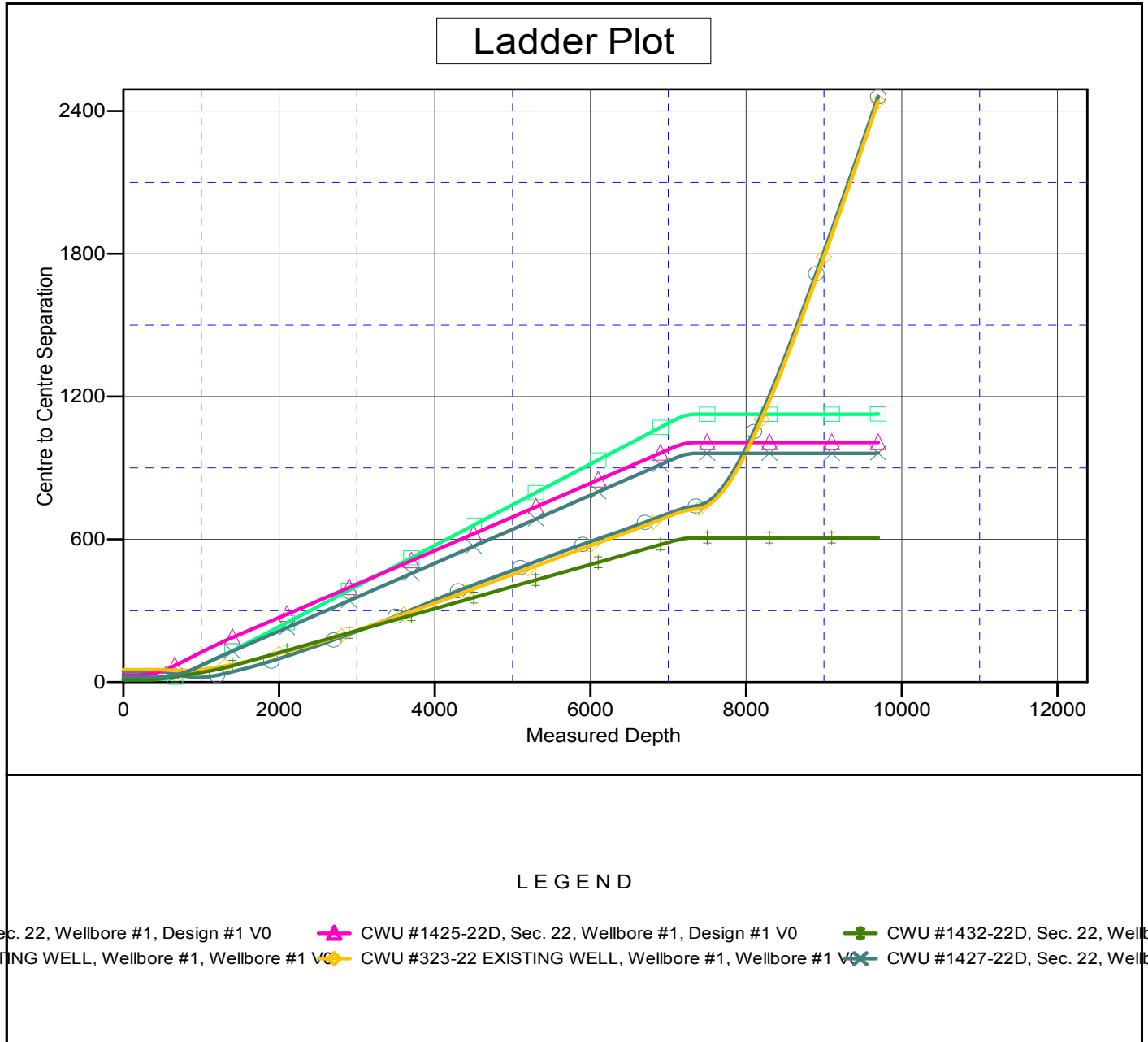
Created By: Chris kehl  
Checked: \_\_\_\_\_  
Reviewed: \_\_\_\_\_  
Approved: \_\_\_\_\_  
Date: 11:56, January 29 2009  
Date: \_\_\_\_\_  
Date: \_\_\_\_\_



<b>Company:</b>	EOG Resources	<b>Local Co-ordinate Reference:</b>	Well CWU #1433-22D, Sec. 22
<b>Project:</b>	Uintah Co., UT	<b>TVD Reference:</b>	WELL @ 4921.00ft (Original Well Elev)
<b>Reference Site:</b>	Chapita Wells Unit	<b>MD Reference:</b>	WELL @ 4921.00ft (Original Well Elev)
<b>Site Error:</b>	0.00ft	<b>North Reference:</b>	True
<b>Reference Well:</b>	CWU #1433-22D, Sec. 22	<b>Survey Calculation Method:</b>	Minimum Curvature
<b>Well Error:</b>	0.00ft	<b>Output errors are at</b>	2.00 sigma
<b>Reference Wellbore</b>	Wellbore #1	<b>Database:</b>	EDM 2003.21 Single User Db
<b>Reference Design:</b>	Design #1	<b>Offset TVD Reference:</b>	Offset Datum

Reference Depths are relative to WELL @ 4921.00ft (Original Well Ele  
Offset Depths are relative to Offset Datum  
Central Meridian is 111° 30' 0.00 W °

Coordinates are relative to: CWU #1433-22D, Sec. 22  
Coordinate System is US State Plane 1927 (Exact solution), Utah Central 4302  
Grid Convergence at Surface is: 1.33°



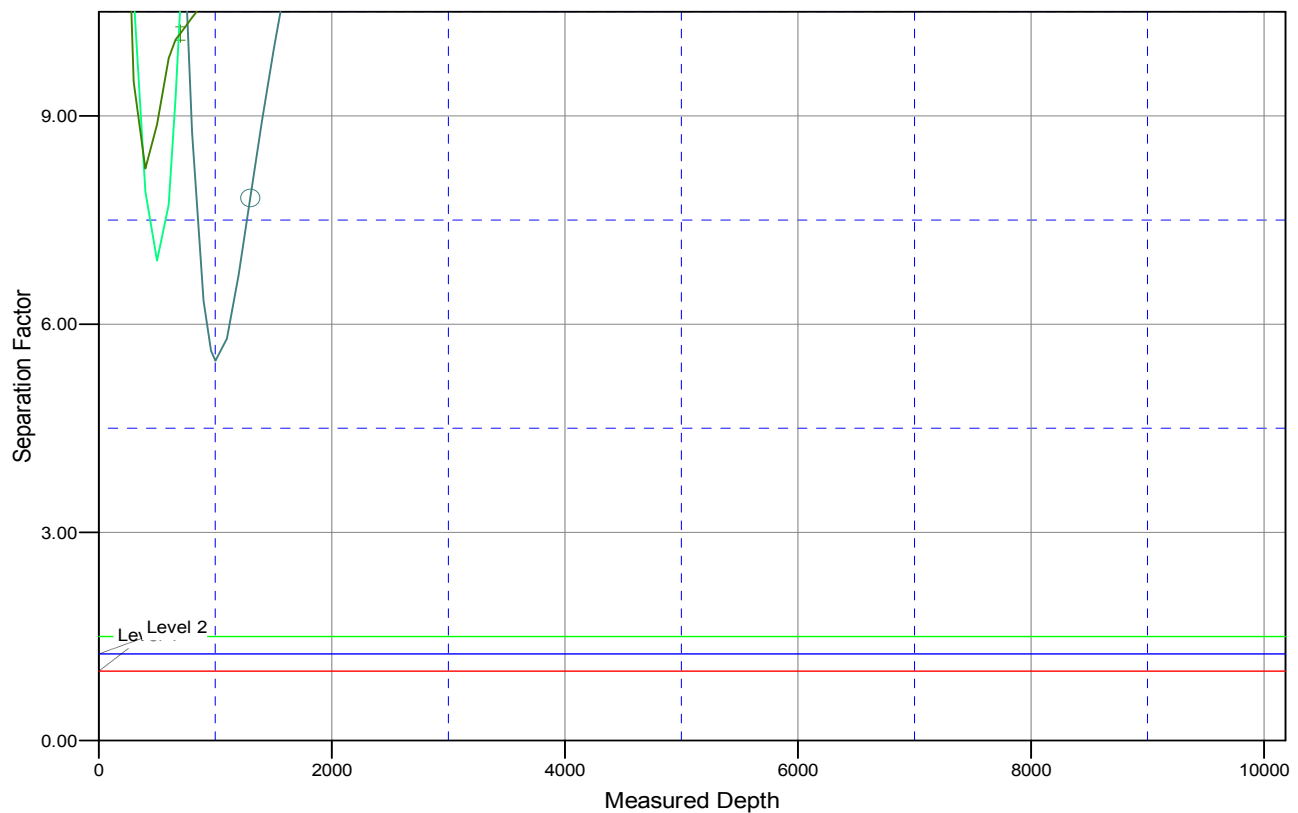


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<b>Site Error:</b>	0.00ft	<b>North Reference:</b>	True
<b>Reference Well:</b>	CWU #1433-22D, Sec. 22	<b>Survey Calculation Method:</b>	Minimum Curvature
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<b>Reference Wellbore</b>	Wellbore #1	<b>Database:</b>	EDM 2003.21 Single User Db
<b>Reference Design:</b>	Design #1	<b>Offset TVD Reference:</b>	Offset Datum

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## Separation Factor Plot



### LEGEND

Sec. 22, Wellbore #1, Design #1 V0 CWU #1425-22D, Sec. 22, Wellbore #1, Design #1 V0 CWU #1432-22D, Sec. 22, Wellbore #1, Design #1 V0  
STING WELL, Wellbore #1, Wellbore #1 V0 CWU #323-22 EXISTING WELL, Wellbore #1, Wellbore #1 V0 CWU #1427-22D, Sec. 22, Wellbore #1, Design #1 V0



**EOG RESOURCES, INC.**  
**CWU #1425-22D, #1427-22D, #1432-22D,**  
**#1433-22D & #1434-22D**  
**LOCATED IN UINTAH COUNTY, UTAH**  
**SECTION 22, T9S, R22E, S.L.B.&M.**

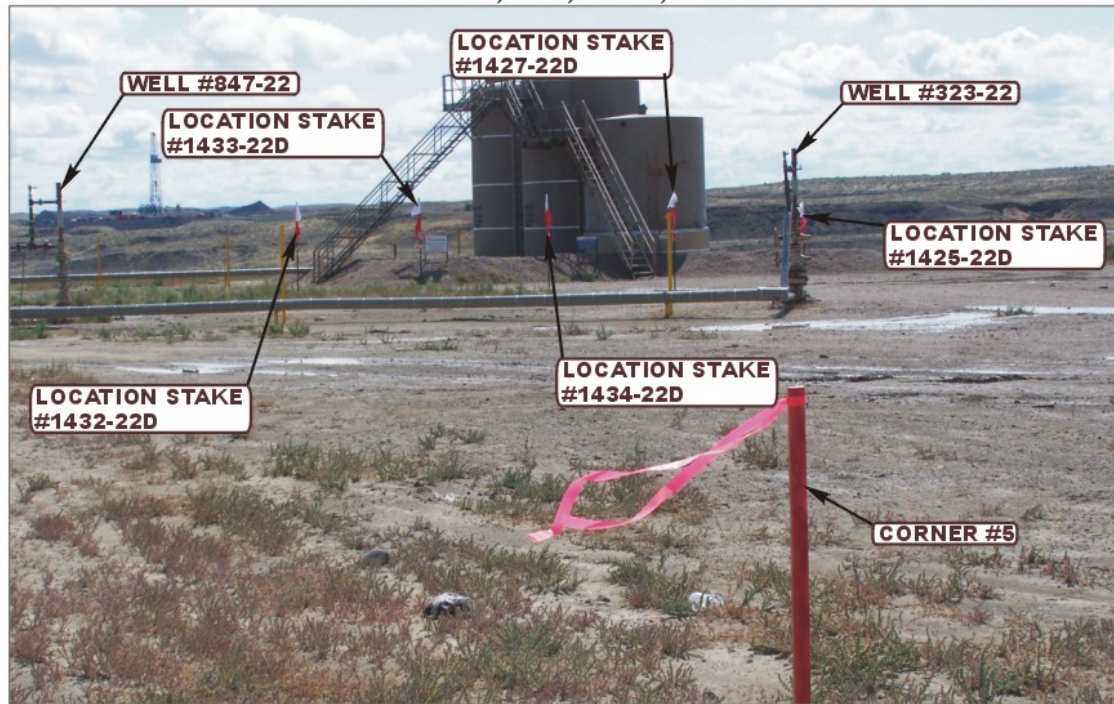


PHOTO: VIEW FROM CORNER #5 TO LOCATION STAKE

CAMERA ANGLE: SOUTHEASTERLY



PHOTO: VIEW FROM BEGINNING OF PROPOSED ACCESS

CAMERA ANGLE: EASTERLY



**UELS** Uintah Engineering & Land Surveying  
85 South 200 East Vernal, Utah 84078  
(435) 789-1017 \* FAX (435) 789-1813

**LOCATION PHOTOS**

**09 18 08**  
MONTH DAY YEAR

**PHOTO**

TAKEN BY: C.R.

DRAWN BY: D.P.

REVISED: 10-03-08

T9S, R22E, S.L.B.&M.

EOG RESOURCES, INC.

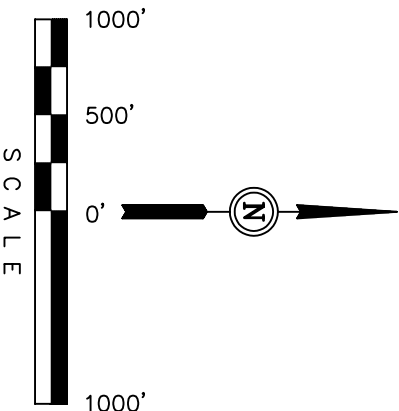
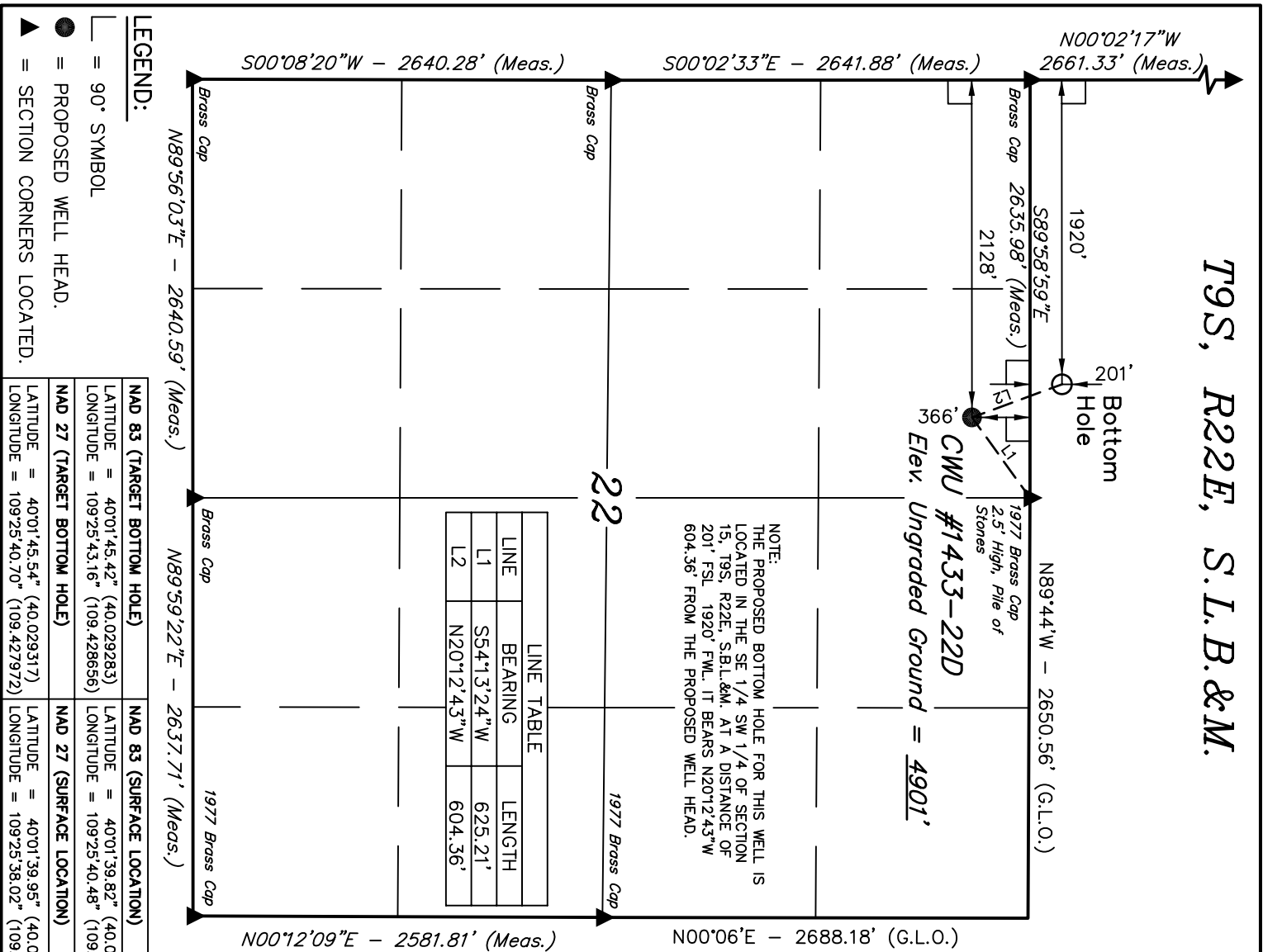
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REVISED: 01-13-09  
REVISED: 12-18-08  
REVISED: 10-03-08

REGISTERED LAND SURVEYOR  
REGISTRATION NO. 161319  
STATE OF UTAH  
KATY

UINTAH ENGINEERING & LAND SURVEYING  
86 SOUTH 200 EAST - VERNAL, UTAH 84078  
(435) 789-1017

SCALE	1" = 1000'	DATE SURVEYED:	DATE DRAWN:
PARTY	C.R. S.B. D.P.	9-11-08	09-16-08
WEATHER	COOL & RAINY	REFERENCES	G.L.O. PLAT
		FILE	EOG RESOURCES, INC.



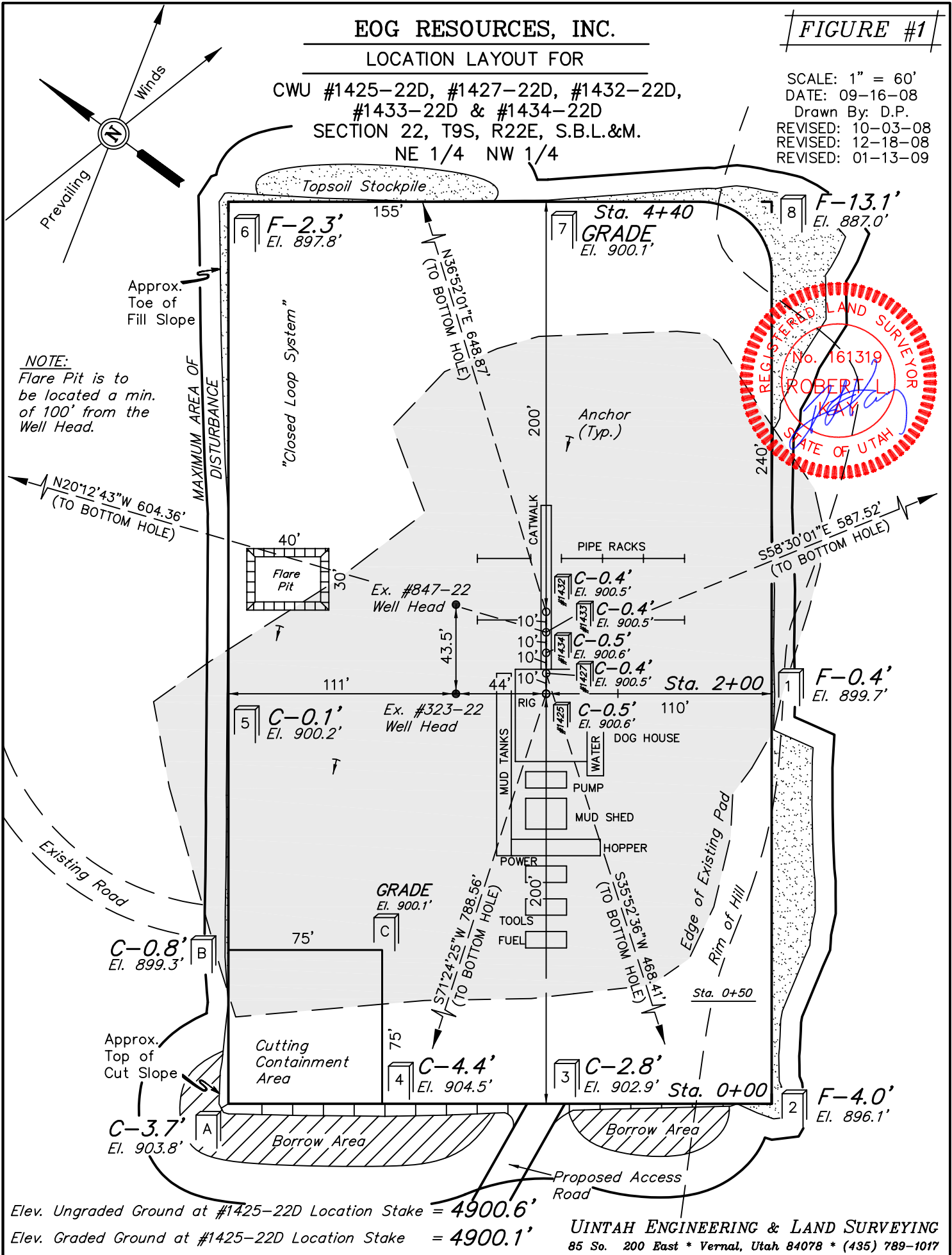
# EOG RESOURCES, INC.

## LOCATION LAYOUT FOR

CWU #1425-22D, #1427-22D, #1432-22D,  
#1433-22D & #1434-22D  
SECTION 22, T9S, R22E, S.B.L.&M.  
NE 1/4 NW 1/4

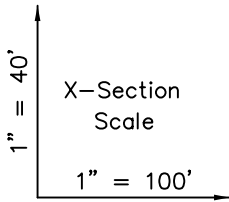
FIGURE #1

SCALE: 1" = 60'  
DATE: 09-16-08  
Drawn By: D.P.  
REVISED: 10-03-08  
REVISED: 12-18-08  
REVISED: 01-13-09



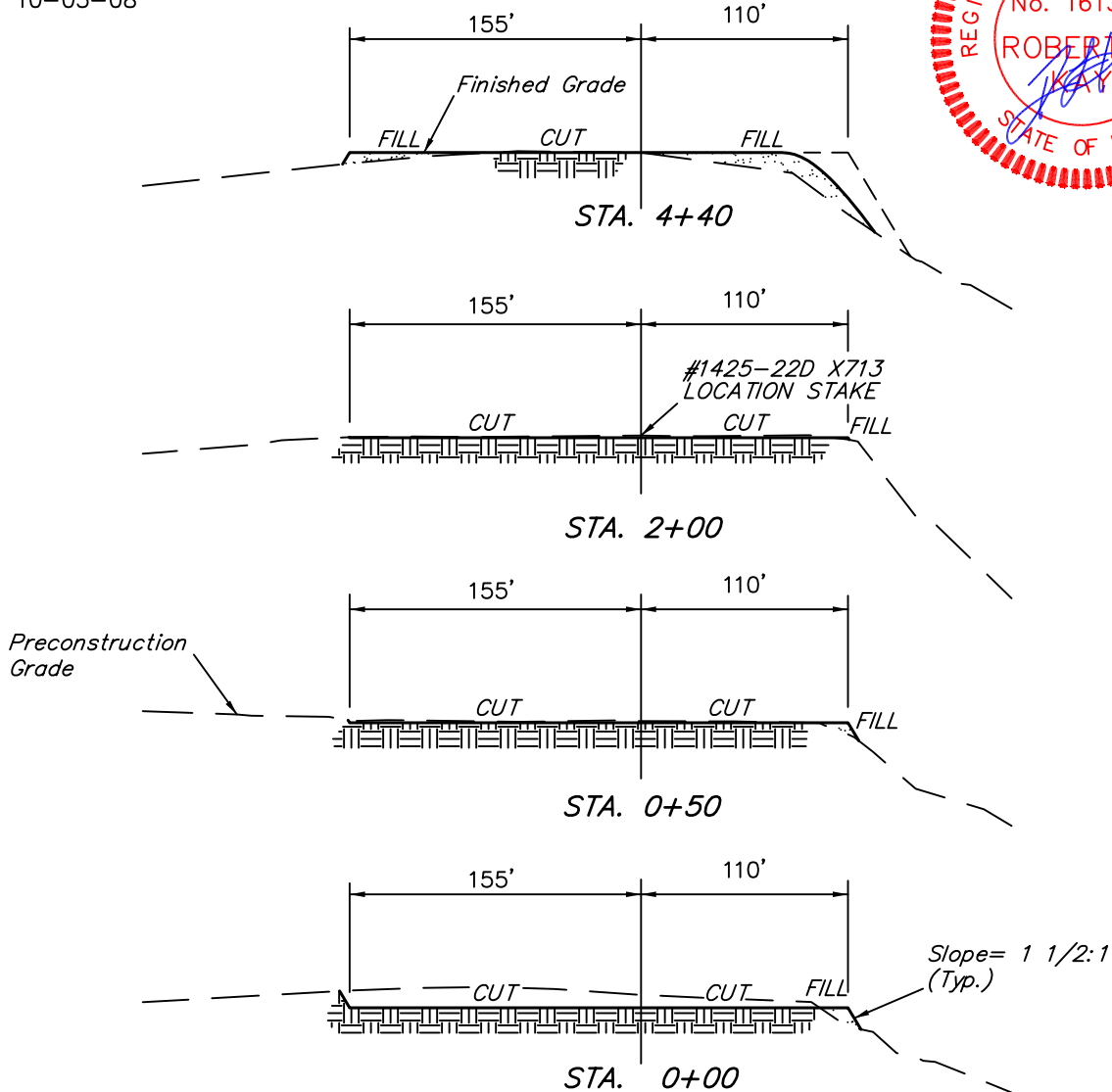
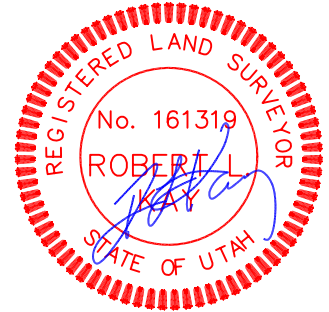
# EOG RESOURCES, INC.

FIGURE #2



DATE: 09-16-08  
Drawn By: D.P.  
REVISED: 10-03-08

TYPICAL CROSS SECTIONS FOR  
CWU #1425-22D, #1427-22D, #1432-22D,  
#1433-22D & #1434-22D  
SECTION 22, T9S, R22E, S.B.L.&M.  
NE 1/4 NW 1/4



NOTE:  
Topsoil should not be  
Stripped Below Finished  
Grade on Substructure Area.

## APPROXIMATE ACREAGES

EXISTING WELL SITE DISTURBANCE = ± 1.682 ACRES  
NEW CONSTRUCTION WELL SITE DISTURBANCE = ± 1.858 ACRES  
ACCESS ROAD DISTURBANCE = ± 0.257 ACRES  
TOTAL = ± 3.797 ACRES

\* NOTE:  
FILL QUANTITY INCLUDES  
5% FOR COMPACTION

## APPROXIMATE YARDAGES

(6") Topsoil Stripping = 990 Cu. Yds.  
(New Construction Only)  
Remaining Location = 850 Cu. Yds.  
TOTAL CUT = 1,840 CU. YDS.  
FILL = 4,200 CU. YDS.

(DEFICIT MATERIAL) = <2,360> Cu. Yds.  
Topsoil & Pit Backfill  
(1/2 Pit Vol.) = 990 Cu. Yds.  
DEFICIT UNBALANCE = <3,350> Cu. Yds.  
(After Interim Rehabilitation)

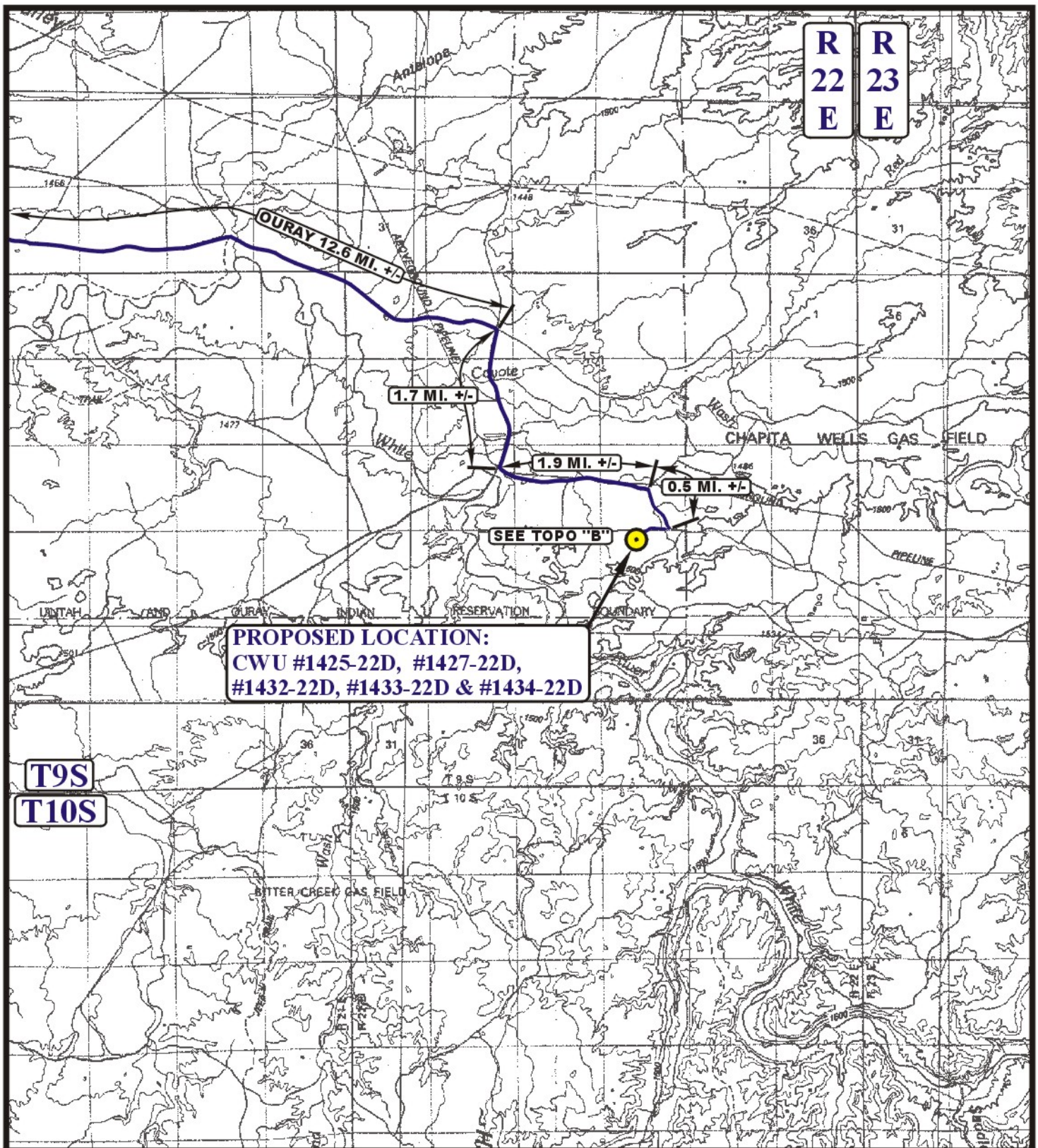
UINTAH ENGINEERING & LAND SURVEYING  
85 So. 200 East \* Vernal, Utah 84078 \* (435) 789-1017

**EOG RESOURCES, INC.**  
**CWU #1425-22D, #1427-22D, #1432-22D, #1433-22D &**  
**#1434-22D**  
**SECTION 22, T9S, R22E, S.L.B.&M.**

PROCEED IN A WESTERLY DIRECTION FROM VERNAL, UTAH ALONG U.S. HIGHWAY 40 APPROXIMATELY 14.0 MILES TO THE JUNCTION OF STATE HIGHWAY 88; EXIT LEFT AND PROCEED IN A SOUTHERLY DIRECTION APPROXIMATELY 17.0 MILES TO OURAY, UTAH; PROCEED IN A SOUTHERLY DIRECTION APPROXIMATELY 0.3 MILES ON THE SEEP RIDGE ROAD TO THE JUNCTION OF THIS ROAD AND AN EXISTING ROAD TO THE EAST; TURN LEFT AND PROCEED IN AN EASTERLY DIRECTION APPROXIMATELY 12.3 MILES TO THE JUNCTION OF THIS ROAD AND AN EXISTING ROAD TO THE SOUTH; TURN RIGHT AND PROCEED IN A SOUTHERLY DIRECTION APPROXIMATELY 1.7 MILES TO THE JUNCTION OF THIS ROAD AND AN EXISTING ROAD TO THE EAST; TURN LEFT AND PROCEED IN AN EASTERLY DIRECTION APPROXIMATELY 1.9 MILES TO THE JUNCTION OF THIS ROAD AND AN EXISTING ROAD TO THE SOUTHEAST; TURN RIGHT AND PROCEED IN A SOUTHEASTERLY DIRECTION APPROXIMATELY 0.5 MILES TO THE JUNCTION OF THIS ROAD AND AN EXISTING ROAD TO THE WEST; TURN RIGHT AND PROCEED IN A WESTERLY DIRECTION APPROXIMATELY 0.5 MILES TO THE JUNCTION OF THIS ROAD AND AN EXISTING ROAD TO THE SOUTH; TURN LEFT AND PROCEED IN A SOUTHERLY DIRECTION APPROXIMATELY 0.1 MILES TO BEGINNING OF THE PROPOSED ACCESS TO THE EAST; FOLLOW ROAD FLAGS IN AN EASTERLY DIRECTION APPROXIMATELY 0.1 MILES TO THE CWU #323-22, CWU #847-22 AND THE PROPOSED LOCATION.

TOTAL DISTANCE FROM VERNAL, UTAH TO THE PROPOSED WELL LOCATION IS APPROXIMATELY 48.4 MILES.





**LEGEND:**

● PROPOSED LOCATION

**EOG RESOURCES, INC.**

CWU #1425-22D, #1427-22D, #1432-22D,  
#1433-22D & #1434-22D  
SECTION 22, T9S, R22E, S.L.B.&M.  
NE 1/4 NW 1/4



Uintah Engineering & Land Surveying  
85 South 200 East Vernal, Utah 84078  
(435) 789-1017 \* FAX (435) 789-1813



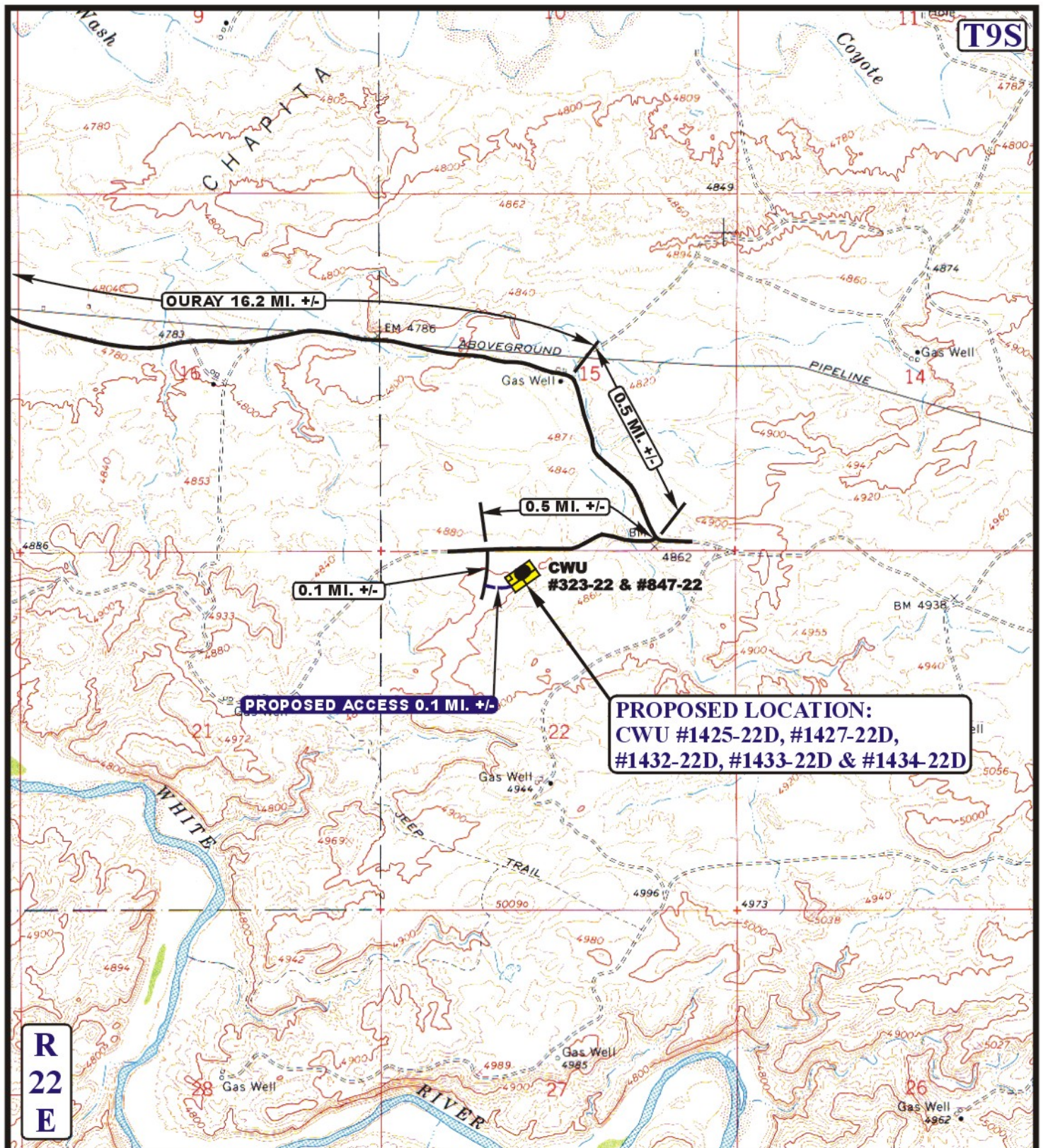
**TOPOGRAPHIC  
MAP**

**09 18 08**  
MONTH DAY YEAR

SCALE: 1:100,000 DRAWN BY: D.P. REVISED: 10-03-08

**A  
TOPO**





**R  
22  
E**

**LEGEND:**

— EXISTING ROAD  
- - - PROPOSED ACCESS ROAD



**Uintah Engineering & Land Surveying**  
85 South 200 East Vernal, Utah 84078  
(435) 789-1017 \* FAX (435) 789-1813



**EOG RESOURCES, INC.**

**CWU #1425-22D, #1427-22D, #1432-22D,  
#1433-22D & #1434-22D  
SECTION 22, T9S, R22E, S.L.B.&M.  
NE 1/4 NW 1/4**

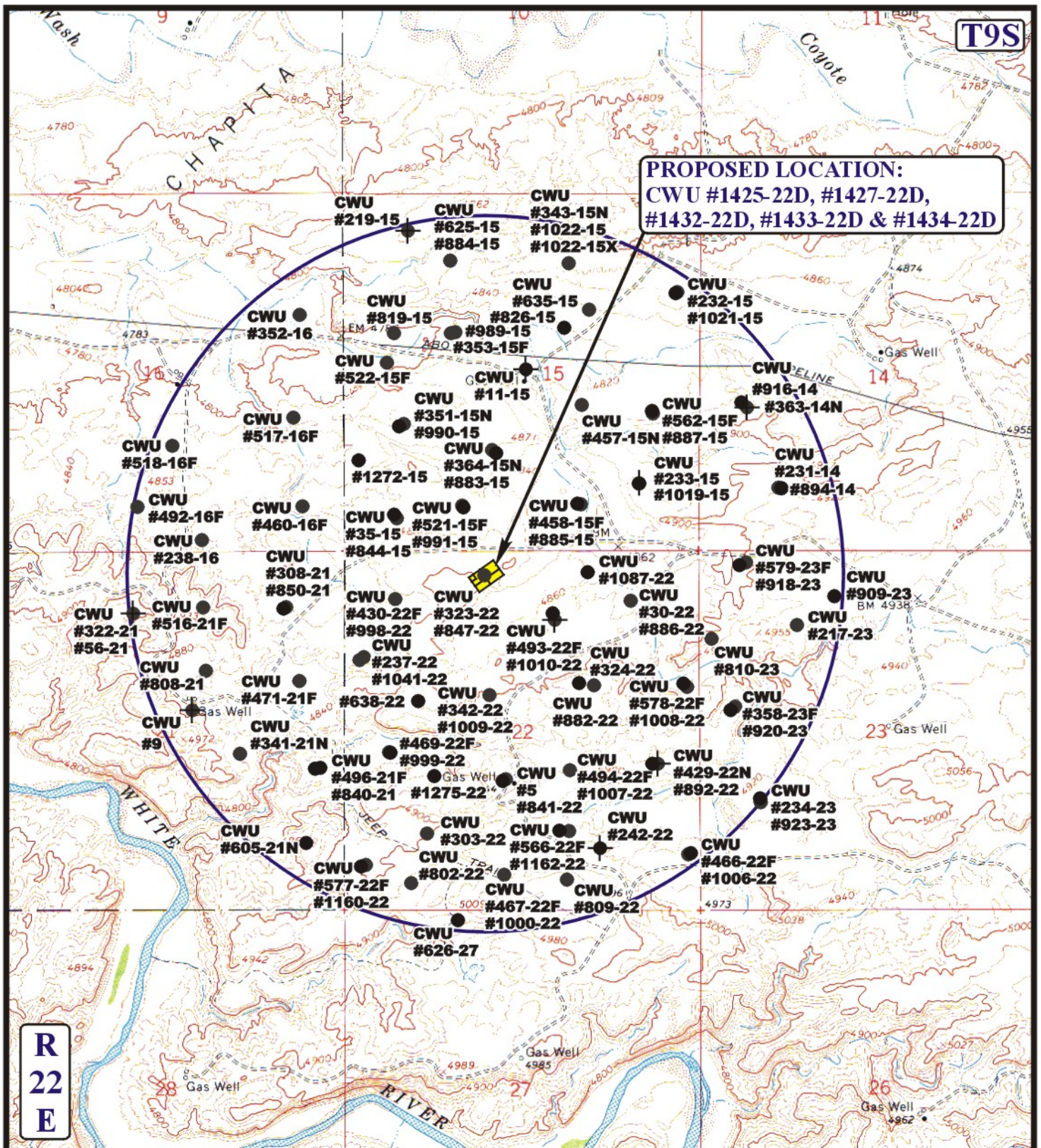
**TOPOGRAPHIC  
MAP**

**09 18 08**  
MONTH DAY YEAR

SCALE: 1" = 2000' DRAWN BY: D.P. REVISED: 10-03-08









SW 1/4

Sec. 15

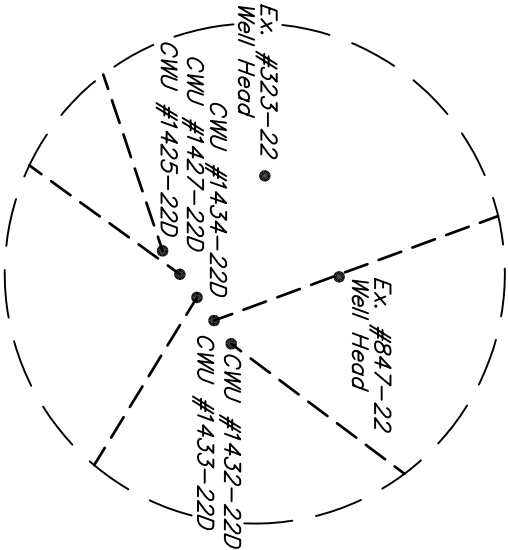
NE 1/4

EOG RESOURCES, INC.

BOTTOM HOLE EXHIBIT

(For CWU #1425-22D, #1427-22D,  
#1432-22D, #1433-22D &  
#1434-22D)

LOCATED IN  
SECTIONS 22 & 15, T9S, R22E, S.L.B.&M.,  
UNITAH COUNTY, UTAH



DETAIL A  
Not To Scale

#1433-22D  
Target Bottom Hole

#1432-22D  
Target Bottom Hole

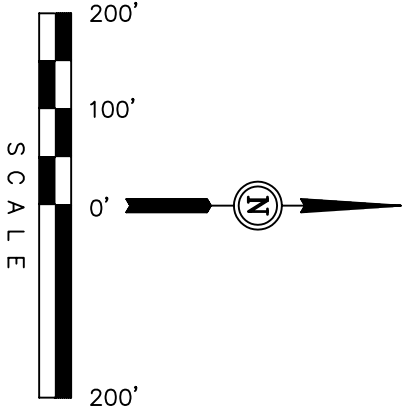
NE Cor. Sec. 22,  
Brass Cap

S89°58'59"E - 2635.98' (Meas.)

Section Line

N89°44'W - 2650.56' (G.L.O.)

1977 Brass Cap  
2.5' High, Pile of  
Stones



S C A L E

See Enlarged  
Detail A

Existing Road

Proposed Road

Proposed Pad

#1425-22D  
Target Bottom Hole

#1427-22D  
Target Bottom Hole

#1434-22D  
Target Bottom Hole

LINE TABLE		
LINE	BEARING	LENGTH
L1	S71°24'25"W	788.56'
L2	S35°52'36"W	468.41'
L3	S58°30'01"E	587.52'
L4	N20°12'43"W	604.36'
L5	N36°52'01"E	648.87'

BASIS OF BEARINGS

BASIS OF BEARINGS IS A G.P.S. OBSERVATION.  
▲ = SECTION CORNERS LOCATED.

CERTIFICATE

THIS IS TO CERTIFY THAT THE ABOVE PLAT WAS PREPARED FROM  
FIELD NOTES OF ACTUAL SURVEYS MADE BY ME OR UNDER MY  
SUPERVISION AND THAT THE SAME ARE TRUE AND CORRECT TO THE  
BEST OF MY KNOWLEDGE AND BELIEF.

REVISED: 01-13-09  
REVISED: 12-18-08  
REVISED: 10-03-08

REGISTERED LAND SURVEYOR  
REGISTRATION NO. 161319  
STATE OF UTAH

UNITAH ENGINEERING & LAND SURVEYING  
85 SOUTH - 200 EAST • (435) 789-1017  
VERNAL, UTAH - 84078

SCALE  
1" = 200'

PARTY  
C.R. S.B. D.P.

WEATHER  
WARM

FILE  
EOG RESOURCES, INC.

NW 1/4

Sec. 22

NE 1/4



***Chapita Wells Unit 1425-22D, 1427-22D, 1432-22D, 1433-22D, 1434-22D  
NENW, Section 22, T9S, R22E  
Uintah County, Utah***

***SURFACE USE PLAN***

The well pad is approximately 400 feet long with a 231-foot width, containing 2.12 acres more or less. The well access road is approximately 528 feet long with a 40-foot right-of-way, disturbing approximately 0.36 acres. New surface disturbance associated with access road and the well pad is estimated to be approximately 2.48 acres.

***1. EXISTING ROADS:***

- A. See attached Plats showing directional reference stakes on location, and attached TOPO Map "B" showing access to location from existing roads.
- B. The proposed well site is located approximately 48.4 miles south of Vernal, Utah – See attached TOPO Map "A".
- C. Refer to attached Topographic Map "A" showing labeled access route to location.
- D. Existing roads will be maintained and repaired as necessary.

***2. PLANNED ACCESS ROAD:***

- A. The access road will be approximately 250 in length, Culvert's if necessary See attached Topo B.
- B. The access road has a 40-foot ROW w/18 foot running surface.
- C. Maximum grade of the new access road will be 8 percent.
- D. No turnouts will be required.
- E. Road drainage crossings shall be of the typical dry creek drainage crossing type.
- F. No bridges, or major cuts and fills will be required.
- G. The access road will be dirt surface.
- H. No gates, cattleguards, or fences will be required or encountered.
- I. A 40-foot permanent right-of-way is requested. No surfacing material will used.

- J. No additional storage areas will be needed for storing equipment, stockpiling, or vehicle parking.

All travel will be confined to existing access road rights-of-way.

New or reconstructed roads will be centerlined – flagged at time of location staking. Access roads and surface disturbing activities will conform to standards outlined in the Bureau of Land Management and Forest Service publication: Surface Operating Standards for Oil and Gas Exploration and Development, Fourth Edition and/or BLM Manual Section 9113 concerning road construction standards on projects subject to federal jurisdiction.

The road shall be constructed/upgraded to meet the standards of the anticipated traffic flow and all-weather road requirements. Construction/upgrading shall include ditching, draining, graveling, crowning, and capping the roadbed as necessary to provide a well-constructed, safe road. Prior to upgrading, the road shall be cleared of any snow cover and allowed to dry completely. Traveling off the 40-foot right-of-way will not be allowed. Road drainage crossings shall be of the typical dry creek drainage crossing type. Crossings shall be designed so they will not cause siltation or accumulation of debris in the drainage crossing nor shall the roadbed block the drainages. Erosion of drainage ditches by runoff water shall be prevented by diverting water off at frequent intervals by means of cutouts. Upgrading shall not be allowed during muddy conditions. Should mud holes develop, they shall be filled in and detours around them avoided.

As operator, EOG Resources, Inc. shall be responsible for all maintenance on cattleguards, or gates associated with this oil and/or gas operation.

Traveling off the 40-foot right-of-way will not be allowed. The access road and associated drainage structures will be constructed and maintained in accordance with road guidelines contained in the joint BLM/USFS publication: Surface Operating Standards for Oil and Gas Exploration and Development, Third Edition, and/or BLM Manual Section 9113 concerning road construction standards on projects subject to federal jurisdiction. During the drilling and production phase of operations, the road surface and shoulders will be kept in a safe and useable condition and drainage ditches and culverts will be kept clear and free flowing.

### **3. LOCATION OF EXISTING WELLS WITHIN A ONE-MILE RADIUS:**

See attached TOPO map "C" for the location of wells within a one-mile radius.

### **4. LOCATION OF EXISTING AND/OR PROPOSED PRODUCTION FACILITIES:**

#### **A. On Well Pad**

1. Production facilities will be set on location if the well is successfully completed for production. Facilities will consist of wellhead valves, combo separator-dehy unit with meter, two (2) 400-bbl vertical tanks and attaching piping.
2. Gas gathering lines – A 4" gathering line will be buried from dehy to the edge of the location.

**B. Off Well Pad**

1. Proposed pipeline will transport natural gas.
2. The pipeline will be a permanent feeder line.
3. No of well pad pipeline will be required. The existing pipeline for producing Chapita Wells Unit 323-22 and Chapita Wells Unit 847-22 will be used.
4. Proposed pipeline will be a 4" OD steel, zap-lok line laid on the surface
5. Proposed pipeline will be laid on surface.
6. Pipeline will be coupled using the Zap lock method. No additional off-pad facilities will be required.

All permanent (on site for six months or longer) structures constructed or installed (including pumping units) will be painted a flat, non-reflective, earthtone color to match one of the standard environmental colors, as determined by the Rocky Mountain Five State Interagency Committee. All facilities will be painted within 6 months of installation. **All facilities will be painted with Carlsbad Canyon.** Facilities required to comply with O.S.H.A. (Occupational Safety and Health Act) will be excluded.

**5. LOCATION AND TYPE OF WATER SUPPLY:**

- A. Water supply will be from Ouray Municipal Water Plant at Ouray, Utah, and/or Bonanza Power Plant water source in Sec 26, T8S, R23E, Uintah County, UT (State Water Right # 49-225(A31368)). Water will be hauled by a licensed trucking company.
- B. Water will be hauled by a licensed trucking company.
- C. No water well will be drilled on lease.

**6. SOURCE OF CONSTRUCTION MATERIALS:**

- A. All construction material for this pipeline will be of native borrow and soil accumulated during the construction of the location.
- B. No mineral materials will be required.

**7. METHODS OF HANDLING WASTE DISPOSAL:**

**A. METHODS AND LOCATION**

1. Cuttings will be confined and dried in a cuttings pit. Dried cuttings shall be spread on the access road.

**Chapita Wells Unit 1425-22D, 1427-22D, 1432-22D, 1433-22D, 1434-22D**  
**Surface Use Plan**

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**Page 4**

2. A portable toilet will be provided for human waste during the drilling and completion of the well. Disposal will be at the Vernal sewage disposal plant.
  3. Burning will not be allowed. Trash and other waste material will be contained in a wire mesh cage and disposed of at the Uintah County Landfill.
  4. Produced wastewater will be confined to a storage tank for a period not to exceed 90 days after initial production. After the 90 day period, the produced water will be contained in a tank on location and then disposed of at one of the following locations: Natural Buttes Unit 21-20B SWD, Ace Disposal, CWU 550-30N SWD CWU 2-29 SWD, Red Wash Evaporation Ponds 1, 2, 3, 4, 5, 6, or 7, or Coyote Evaporation Ponds 1, 2,3, or 4, or **White River Evaporation Ponds 1, or 2**, or Hoss SWD Facility. right-of-way UTU 86010, UTU 897093 or EOG Resources, Inc. drilling operations (Chapita Wells Unit, Natural Buttes Unit & Stagecoach Unit).
  5. All chemicals will be disposed of at an authorized disposal site. Drip pans and absorbent pads will be used on the drilling rig to avoid leakage of oil to the pit.
- B. Water from drilling fluids and recovered during testing operations will be disposed of by either natural or artificial evaporation methods, or by removed and disposed of at an authorized disposal site. Introduction of well bore hydrocarbons to the closed loop system will be avoided by flaring them off in the flare pit at the time of recovery.

The referenced well will be drilling utilizing a closed loop system. The closed loop system will be installed in a manner that preventing leaks, breaks, or discharge. Drill cutting will be contained in an area approximately 50' x 100'. The surface drill cuttings pile will be bermed and lined with bentonite. Drill cuttings will be dried and spread on location. More stringent protective requirements may be deemed necessary by the A.O.

EOG Resources, Inc. maintains a file, per 29 CFR 1910.1200 (g) containing current Material Safety Data Sheets (MSDS) for all chemicals, compounds, and/or substances which are used during the course of construction, drilling, completion, and production operations for this project. Hazardous materials (substances) which may be found at the site may include drilling mud and cementing products which are primarily inhalation hazards, fuels (flammable and/or combustible), materials that may be necessary for well completion/ stimulation activities such as flammable or combustible substances and acids/gels (corrosives). The opportunity for Superfund Amendments and Reauthorization Act (SARA) listed Extremely Hazardous Substances (EHS) at the site is generally limited to proprietary treating chemicals. All hazardous and EHS and commercial preparations will be handled in an appropriate manner to minimize the potential for leaks or spills to the environment.

No chemicals subject to reporting under SARA Title III (hazardous materials) in an amount greater than 10,000 pounds will be used, produced, stored, transported, or disposed of annually in association with the drilling, testing, or completion of the well. Furthermore, extremely hazardous substances, as defined in 40 CFR 355, in

threshold planning quantities, will not be used, produced, stored, transported, or disposed of in association with the drilling, testing or completion of the well.

**8. ANCILLARY FACILITIES:**

None anticipated.

**9. WELL SITE LAYOUT:**

- A. Refer to attached well site plat for related topography cuts and fills and cross sections.
- B. Refer to attached well site plat for rig layout and soil material stockpile location as approved on On-site.
- C. Refer to attached well site plat for rig orientation, parking areas, and access road.

The proposed location will be drilled utilizing a closed loop system.

The stockpiled pit topsoil (first six inches) will be stored separate from the location topsoil west of corner #5. The stockpiled location topsoil will be stored in a location providing easy access for interim reclamation and protect of the topsoil. Upon completion of construction, the stockpiled topsoil from the location will be broadcast seeded with the approved seed mixture from this location and then walked down with a Caterpillar tractor.

Access to the well pad will be from the south.

Two borrow areas have been identified. See attached Figure #1.

**10. PLANS FOR RECLAMATION OF THE SURFACE:**

**A. Interim Reclamation (Producing Location)**

Immediately upon well completion, the location and surrounding area will be cleared of all unused tubing, equipment, debris, materials, trash, and junk not required for production.

Immediately upon well completion, any hydrocarbons on the pit shall be removed in accordance with CFR 3162.7-1.

If a plastic nylon reinforced liner is used, it shall be torn and perforated before backfilling of the reserve pit.

The portion of the location not needed for production facilities/operations will be recontoured to the approximate natural contours – See attached Figure #3. The reserve pit will be reclaimed within 90 days from the date of the well completion, or as soon as environmental conditions allow. Before any dirt takes place, the reserve pit must be completely dry and free of all foreign obstacles.

The stockpiled pit topsoil will then be spread over the pit area and broadcast seeded with the prescribed seed mixture for this location. The seeded area will then be walked down with a cat.

<b>Seed Mixture</b>	<b>Drilled Rate (lbs./acre PLS*)</b>
Crested Wheatgrass	9.0
Kochia Prostrata	3.0

\*Pure live seed (PLS) formula: percent of purity of seed mixture times percent germination of seed mixture equals portion of seed mixture that is PLS.

### ***B. Dry Hole/Abandoned Location***

At such time as the well is plugged and abandoned, the operator will submit a subsequent report of abandonment and the BLM will attach the appropriated surface rehabilitation conditions of approval.

## **11. SURFACE OWNERSHIP:**

Surface ownership of the proposed well site, access road, and pipeline route is as follows:

Bureau of Land Management

## **12. OTHER INFORMATION:**

- A. EOG Resources, Inc. will inform all persons in the area who are associated with this project that they are subject to prosecution for knowingly disturbing historic or archaeological sites, or for collecting artifacts. If historic or archaeological materials are uncovered during construction, the operator will immediately stop work that might further disturb such materials, and contact the Authorized Officer. Within five working days the Authorized Officer will inform the operator as to:
  - Whether the materials appear eligible for the National Register of Historic Places;
  - The mitigation measures the operator will likely have to undertake before the site can be used.
  - A time frame for the Authorized Officer to complete an expedited review under 36 CFR 800.11 to confirm, through the State Historic Preservation Officer, that the findings of the Authorized Officer are correct and that mitigation is appropriate.

**Chapita Wells Unit 1425-22D, 1427-22D, 1432-22D, 1433-22D, 1434-22D  
Surface Use Plan**

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**Page 7**

- If the operator wished, at any time, to relocate activities to avoid the expense of mitigation and/or the delays associated with this process, the Authorized Officer will assume responsibility for whatever recordation and stabilization of the exposed materials that may be required. Otherwise, the operator will be responsible for mitigation costs. The Authorized Officer will provide technical and procedural guidelines for the conduct of mitigation. Upon verification from the Authorized Officer that required mitigation has been completed, the operator will then be allowed to resume construction.
- B. As operator, EOG Resources, Inc. will control noxious weeds along Right-of-Ways for roads, pipelines, well sites, or other applicable facilities. A list of noxious weeds will be obtained from the BLM administered land, a Pesticide Use proposal shall be submitted, and given approval, prior to the application of herbicides or other pesticides or possible hazardous chemicals.
  - C. Drilling rigs and/or equipment used during drilling operations on this well site will not be stacked or stored on BLM lands after the conclusion of drilling operations or at any other time without BLM authorization. However, if BLM authorization is obtained, it is only a temporary measure to allow time to make arrangements for permanent storage on commercial facilities. (The BLM does not seek to compete with private industry. There are commercial facilities available for stacking and storing drilling rigs.)
  - D. The drilling rig and ancillary equipment will be removed from the location prior to commencement of completion operations. Completion operations will be conducted utilizing a completion/workover rig.

All lease and/or unit operations will be conducted in such a manner that full compliance is made with all applicable laws, regulations, Onshore Oil and Gas Orders, the approved Plan of Operations, and any applicable Notice of Lessees. The operator is fully responsible for the actions of its subcontractors. A complete copy of the approved "Application for Permit to Drill" will be furnished to the field representative(s) to ensure compliance and shall be on location during all construction and drilling operations.

Construction activity will not be conducted using frozen or saturated soils material or during periods when watershed damage is likely to occur.

If the existing access road, proposed access road, and proposed pad are dry during construction, drilling, and completion activities, water will be applied, as needed, to help facilitate compaction during construction and to minimize soil loss as a result of wind erosion.

A block cultural resources survey was conducted and submitted by Montgomery Archaeological Consultants, MOAC Report # 06-612, on January 29, 2007. A paleontological survey was conducted and submitted by Intermountain Paleo, IPC Report # 08-277, on December 29, 2008

**Additional Surface Stipulations:**



***Chapita Wells Unit 1425-22D, 1427-22D, 1432-22D, 1433-22D, 1434-22D  
Surface Use Plan***

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***Page 8***

None

**Chapita Wells Unit 1425-22D, 1427-22D, 1432-22D, 1433-22D, 1434-22D  
Surface Use Plan**

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**Page 9**

***LESSEE OR OPERATOR'S REPRESENTATIVE AND CERTIFICATION:***

**PERMITTING AGENT**

Kaylene R. Gardner  
EOG Resources, Inc.  
P.O. Box 1815  
Vernal, UT 84078  
(435) 781-9111

All lease and/or unit operations will be conducted in such a manner that full compliance is made with all applicable laws, regulations, Onshore Oil and Gas Orders, the approved plan of operations, and any applicable Notice to Lessees. The operator is fully responsible for the actions of his subcontractors. A copy of these conditions will be furnished to the field representative to insure compliance.

The operator or his/her contractor shall contact the BLM office at (435) 781-4400 forty-eight (48) hours prior to construction activities.

**Chapita Wells Unit 1425-22D, 1427-22D, 1432-22D, 1433-22D, 1434-22D  
Surface Use Plan**

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**Page 10**

**CERTIFICATION:**

I hereby certify that I, or persons under my direct supervision, have inspected the proposed drill site and access route; that I am familiar with the conditions which currently exist; that the statements made in this plan are, to the best of my knowledge, true and correct; and that the work associated with the operations proposed herein will be performed by EOG Resources, Inc. and its contractors and subcontractors in conformity with this plan and the terms and conditions under which it is approved. This statement is subject to the provisions of 18 U.S.C. 1001 for the filing of a false statement.

Please be advised that EOG Resources, Inc. is considered to be the operator of the Chapita Wells Unit 1425-22D, 1427-22D, 1432-22D, 1433-22D, 1434-22D Wells, located in the NENW, of Section 22, T9S, R22E, Uintah County, Utah; Federal land and minerals; and is responsible under the terms and conditions of the lease for the operations conducted upon the leased lands. Bond Coverage is under Bond # NM 2308.

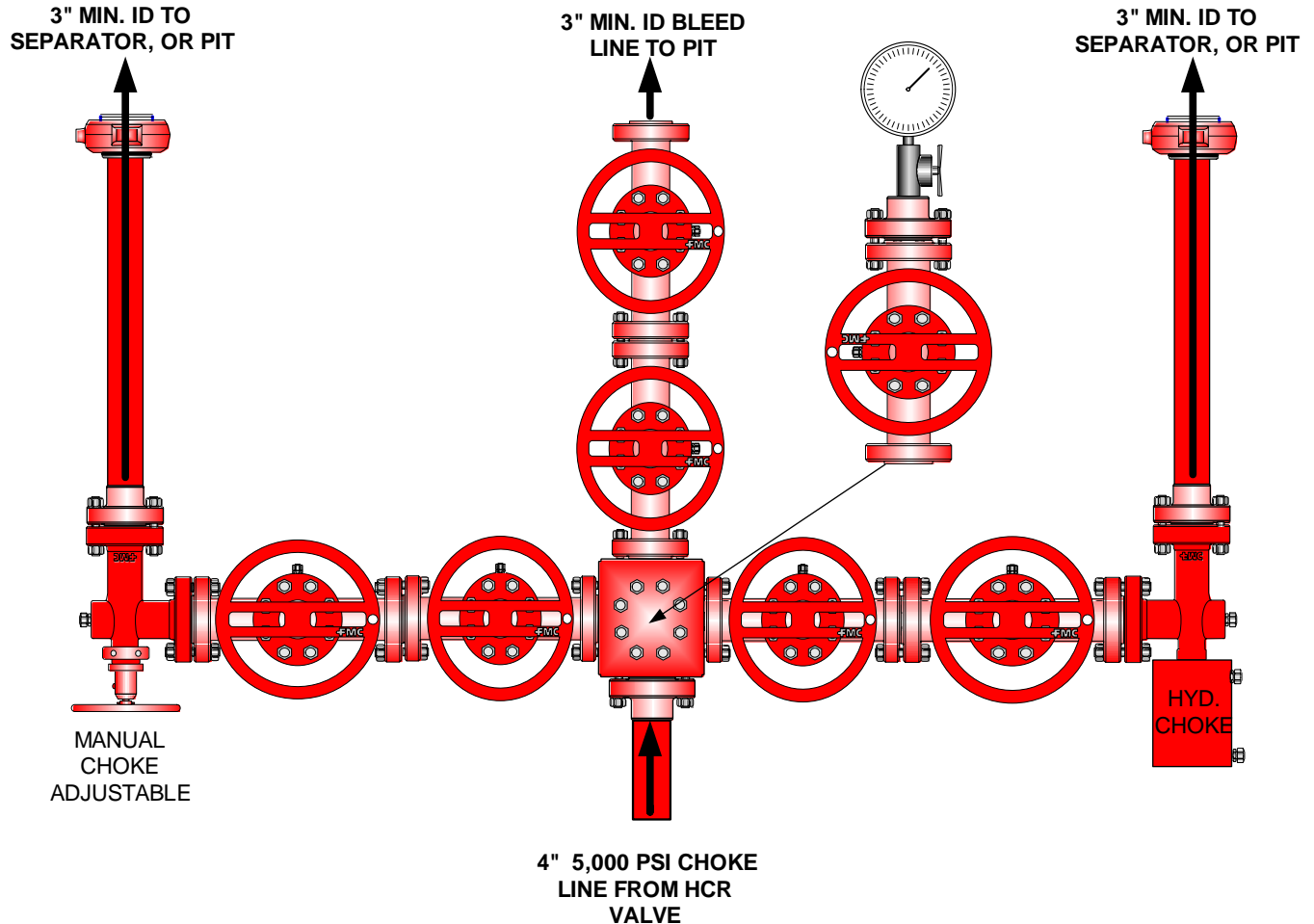
March 23, 2009 \_\_\_\_\_  
Date

\_\_\_\_\_  
Kaylene R. Gardner Regulatory Administrator

Onsite Date: February 18, 2009

**EOG RESOURCES CHOKE MANIFOLD CONFIGURATION  
W/ 5,000 PSI WP VALVES**

PAGE 2 OF 2



**Testing Procedure:**

1. BOP will be tested with a professional tester to conform to Onshore Order #2.
2. Blind and Pipe rams will be tested to rated working pressure, 5,000 psi.
3. Annular Preventer will be tested to 50% working pressure, 2,500 psi.  
Casing will be tested to 0.22 psi / ft. or 1,500 psi. Not to exceed 70% of burst strength, **whichever is greater.**
4. All lines subject to well pressure will be tested to the same pressure as blind and pipe rams.
5. All BOPE specifications and configurations will meet Onshore Order #2 requirements.

# United States Department of the Interior

## BUREAU OF LAND MANAGEMENT

Utah State Office  
P.O. Box 45155  
Salt Lake City, Utah 84145-0155

### IN REPLY REFER TO:

3160  
(UT-922)

March 30, 2009

### Memorandum

To: Assistant District Manager Minerals, Vernal District

From: Michael Coulthard, Petroleum Engineer

Subject: 2009 Plan of Development Chapita Wells Unit Uintah County, Utah.

Pursuant to email between Diana Whitney, Division of Oil, Gas and Mining, and Mickey Coulthard, Utah State Office, Bureau of Land Management, the following wells are planned for calendar year 2009 within the Chapita Wells Unit, Uintah County, Utah.

API #	WELL NAME	LOCATION
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(Proposed PZ Wasatch)

43-047-50292	CWU 4026-22 Sec 22 T09S R23E 0836 FSL 0702 FWL	
43-047-50293	CWU 4023-22 Sec 22 T09S R23E 2128 FNL 0792 FWL	
43-047-50294	CWU 4018-21 Sec 21 T09S R23E 0702 FSL 1684 FEL	
43-047-50296	CWU 4029-27 Sec 27 T09S R23E 2078 FNL 0449 FWL	
43-047-50297	CWU 4033-27 Sec 27 T09S R23E 2047 FSL 1941 FWL	
43-047-50298	CWU 4028-27 Sec 27 T09S R23E 0892 FNL 1920 FWL	
43-047-50299	CWU 4014-30 Sec 30 T09S R23E 0628 FNL 0703 FEL	
43-047-50307	CWU 4031-27 Sec 27 T09S R23E 1844 FNL 1920 FEL	
43-047-50308	CWU 4030-27 Sec 27 T09S R23E 0645 FNL 0814 FEL	
43-047-50309	CWU 4021-28 Sec 28 T09S R23E 0618 FSL 1686 FWL	
43-047-50310	CWU 4013-30 Sec 30 T09S R23E 0974 FNL 2006 FEL	
43-047-50295	CWU 779-20 Sec 20 T09S R23E 2002 FNL 1789 FEL	

(Proposed PZ Mesaverde)

43-047-50305	CWU 1427-22D Sec 22 T09S R22E 0378 FNL 2112 FWL	
	BHL Sec 22 T09S R22E 0757 FNL 1838 FWL	
43-047-50306	CWU 1258-20 Sec 20 T09S R23E 1800 FNL 2029 FWL	
43-047-50311	CWU 1431-15D Sec 15 T09S R22E 0661 FSL 1836 FEL	
	BHL Sec 15 T09S R22E 1355 FSL 2039 FEL	
43-047-50312	CWU 1430-15D Sec 15 T09S R22E 0681 FSL 1838 FEL	
	BHL Sec 15 T09S R22E 1321 FSL 1486 FEL	
43-047-50313	CWU 1429-15D Sec 15 T09S R22E 0671 FSL 1837 FEL	
	BHL Sec 15 T09S R22E 0670 FSL 1253 FEL	
43-047-50314	CWU 1130-20 Sec 20 T09S R23E 0845 FNL 0463 FWL	

Page 2

43-047-50315 CWU 1121-28 Sec 28 T09S R23E 0634 FNL 0839 FWL  
43-047-50316 CWU 1097-28 Sec 28 T09S R23E 0856 FSL 2053 FEL  
43-047-50317 CWU 1434-22D Sec 22 T09S R22E 0372 FNL 2120 FWL  
BHL Sec 22 T09S R22E 0678 FNL 2621 FWL  
43-047-50318 CWU 1432-22D Sec 22 T09S R22E 0360 FNL 2137 FWL  
BHL Sec 15 T09S R22E 0160 FSL 2526 FWL  
43-047-50319 CWU 1433-22D Sec 22 T09S R22E 0366 FNL 2128 FWL  
BHL Sec 15 T09S R22E 0201 FSL 1920 FWL  
43-047-50320 CWU 1425-22D Sec 22 T09S R22E 0384 FNL 2104 FWL  
BHL Sec 22 T09S R22E 0635 FNL 1357 FWL  
43-047-50321 CWU 1259-20 Sec 20 T09S R23E 0594 FSL 2004 FEL  
43-047-50322 CWU 1260-21 Sec 21 T09S R23E 2304 FSL 1092 FWL  
43-047-50323 CWU 1426-15D Sec 15 T09S R22E 0651 FSL 1835 FEL  
BHL Sec 15 T09S R22E 0068 FSL 2055 FEL  
43-047-50324 CWU 1264-22 Sec 22 T09S R23E 2226 FSL 0896 FWL  
43-047-50325 CWU 1261-21 Sec 21 T09S R23E 2616 FSL 1561 FEL  
43-047-50326 CWU 1428-15D Sec 15 T09S R22E 0641 FSL 1834 FEL  
BHL Sec 15 T09S R22E 0091 FSL 1308 FEL

This office has no objection to permitting the wells at this time.

/s/ Michael L. Coulthard

bcc: File - Chapita Wells Unit  
Division of Oil Gas and Mining  
Central Files  
Agr. Sec. Chron  
Fluid Chron

MCoulthard:mc:3-30-09



1:12,891





**EOG Resources, Inc.**  
600 Seventeenth Street  
Suite 1000N  
Denver, CO 80202  
Main: 303-572-9000  
Land Fax: 303-824-5401

May 4, 2009  
**HAND DELIVERED**

Kerr-McGee Oil & Gas Onshore LP  
1099 18<sup>th</sup> Street, Suite 1200  
Denver, Colorado 80202

1357

Attention: Mr. Chris Latimer

RE: **CWU 1433-22D**  
Uintah County, Utah  
Chapita Wells Unit

Gentlemen:

EOG Resources, Inc. ("EOG") plans to directionally drill the CWU 1433-22D as a Mesaverde well in the NE/4NW/4 of Section 22, Township 9 South, Range 22 East, Uintah County, Utah.

Enclosed is a copy of the survey plat for the CWU 1433-22D well and another plat which shows the proposed path of the wellbore with a 460 foot radius from all points along the intended wellbore. Pursuant to Oil & Gas Conservation Rule R649-3-11, EOG must obtain the written consent of all owners within this 460 foot radius of the wellbore and file same with the Division of Oil, Gas and Mining prior to drilling.

Therefore, EOG respectfully requests your consent to this directional well by having this letter dated and executed in the spaces provided below and returning one (1) originally executed copy to my attention at the letterhead address at your very earliest opportunity.

If you have any questions, please don't hesitate to contact the undersigned at (303) 824-5430

Sincerely,

**EOG RESOURCES, INC.**

A handwritten signature in cursive script, appearing to read "Debbie Spears".

Debbie Spears  
Land Associate

/das  
M:\das\CWU1433-22D.doc

Kerr-McGee Oil & Gas Onshore LP hereby consents to the directional drilling of the CWU 1433-22D well this 21st day of May, 2009.

By: \_\_\_\_\_

Joe Matney  
Title: Senior Staff Liaison

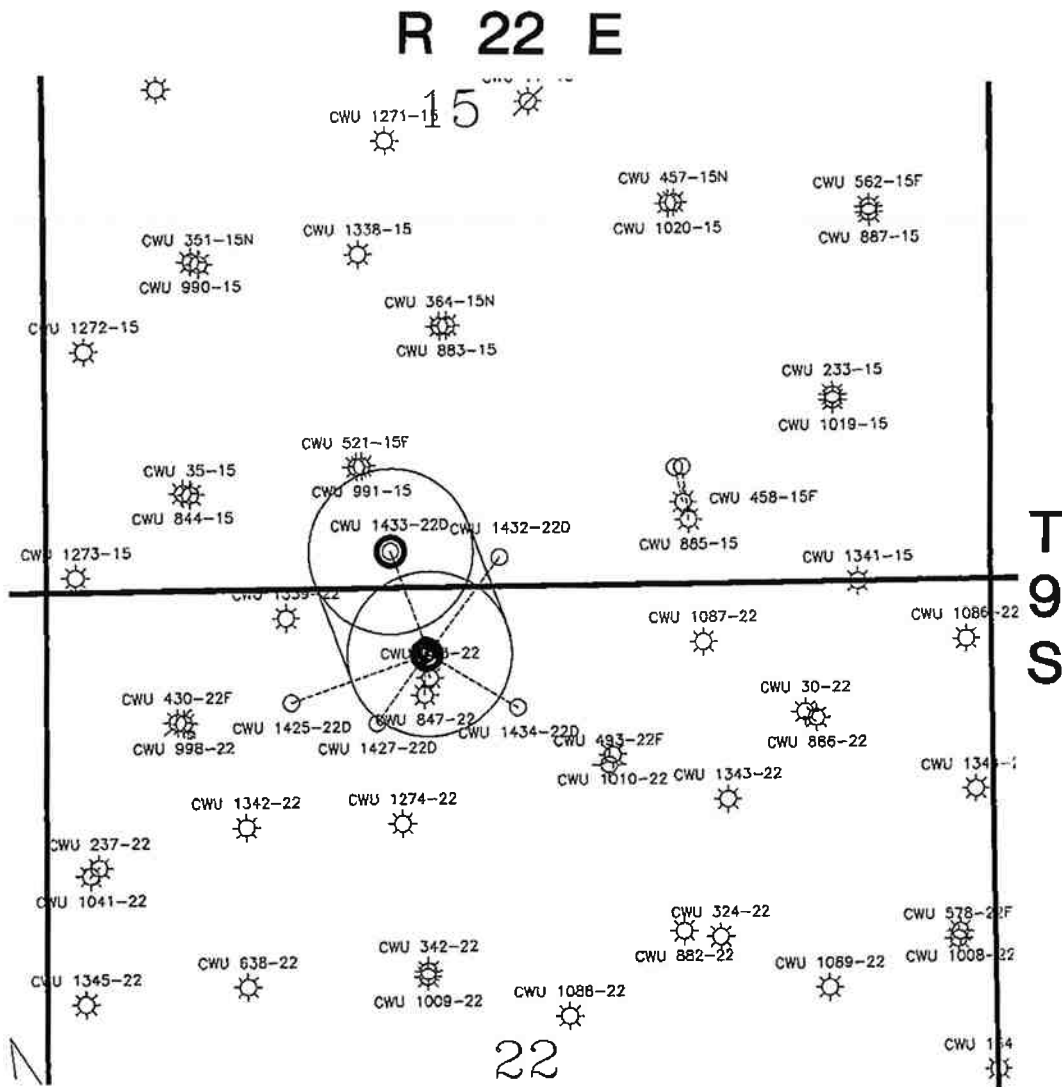
**energy opportunity growth**


**RECEIVED**

**JUN 03 2009**

**DIV. OF OIL, GAS & MINING**







Denver Division

**Directional Plan**

**CHAPITA WELLS UNIT 1433-22D WELL**

UINTAH COUNTY, UTAH

Scale: 1"=1000'

Author: T.L. MILLER

Date: Apr 09, 2009 - 2:31pm

# WORKSHEET

## APPLICATION FOR PERMIT TO DRILL

**APD RECEIVED:** 3/26/2009

**API NO. ASSIGNED:** 43047503190000

**WELL NAME:** CWU 1433-22D

**OPERATOR:** EOG Resources, Inc. (N9550)

**PHONE NUMBER:** 435 781-9111

**CONTACT:** Kaylene Gardner

**PROPOSED LOCATION:** NENW 22 090S 220E

**Permit Tech Review:** ☒

**SURFACE:** 0366 FNL 2128 FWL

**Engineering Review:** ☐

**BOTTOM:** 0201 FSL 1920 FWL

**Geology Review:** ☒

**COUNTY:** UINTAH

**LATITUDE:** 40.02781

**LONGITUDE:** -109.42719

**UTM SURF EASTINGS:** 634206.00

**NORTHINGS:** 4431819.00

**FIELD NAME:** NATURAL BUTTES

**LEASE TYPE:** 1 - Federal

**LEASE NUMBER:** UTU0283A

**PROPOSED PRODUCING FORMATION(S):** MESA VERDE

**SURFACE OWNER:** 1 - Federal

**COALBED METHANE:** NO

### RECEIVED AND/OR REVIEWED:

- ☒ **PLAT**
- ☒ **Bond:** FEDERAL - NM2308
- ☐ **Potash**
- ☒ **Oil Shale 190-5**
- ☐ **Oil Shale 190-3**
- ☐ **Oil Shale 190-13**
- ☒ **Water Permit:** 49-225
- ☐ **RDCC Review:**
- ☐ **Fee Surface Agreement**
- ☐ **Intent to Commingle**

**Commingle Approved**

### LOCATION AND SITING:

- ☐ **R649-2-3.**
- Unit:** CHAPITA WELLS
- ☐ **R649-3-2. General**
- ☐ **R649-3-3. Exception**
- ☒ **Drilling Unit**
- Board Cause No:** Cause 179-8
- Effective Date:** 8/10/1999
- Siting:** Suspends General Siting
- ☒ **R649-3-11. Directional Drill**

**Comments:** Presite Completed

**Stipulations:** 4 - Federal Approval - dmason  
15 - Directional - dmason  
17 - Oil Shale 190-5(b) - dmason



JON M. HUNTSMAN, JR.  
*Governor*

GARY R. HERBERT  
*Lieutenant Governor*

## State of Utah

DEPARTMENT OF NATURAL RESOURCES

MICHAEL R. STYLER  
*Executive Director*

Division of Oil, Gas and Mining

JOHN R. BAZA  
*Division Director*

### Permit To Drill

\*\*\*\*\*

**Well Name:** CWU 1433-22D  
**API Well Number:** 43047503190000  
**Lease Number:** UTU0283A  
**Surface Owner:** FEDERAL  
**Approval Date:** 6/9/2009

#### Issued to:

EOG Resources, Inc., 1060 East Highway 40, Vernal, UT 84078

#### Authority:

Pursuant to Utah Code Ann. §40-6-1 et seq., and Utah Administrative Code R649-3-1 et seq., the Utah Division of Oil, Gas and Mining issues conditions of approval, and permit to drill the listed well. This permit is issued in accordance with the requirements of Cause 179-8. The expected producing formation or pool is the MESA VERDE Formation(s), completion into any other zones will require filing a Sundry Notice (Form 9). Completion and commingling of more than one pool will require approval in accordance with R649-3-22.

#### Duration:

This approval shall expire one year from the above date unless substantial and continuous operation is underway, or a request for extension is made prior to the expiration date

#### General:

Compliance with the requirements of Utah Admin. R. 649-1 et seq., the Oil and Gas Conservation General Rules, and the applicable terms and provisions of the approved Application for permit to drill.

#### Conditions of Approval:

State approval of this well does not supercede the required federal approval, which must be obtained prior to drilling.

In accordance with Utah Admin. R.649-3-11, Directional Drilling, the operator shall submit a complete angular deviation and directional survey report to the Division within 30 days following completion of the well.

In accordance with the Order in Cause No. 190-5(b) dated October 28, 1982, the operator shall comply with the requirements of Rules R649-3-31 and R649-3-27 pertaining to Designated Oil Shale Areas. Additionally, the operators shall ensure that the surface and or production casing is properly cemented over the entire oil shale section as defined by Rule R649-3-31. The Operator shall report the actual depth the oil shale is encountered to the division.

**Notification Requirements:**

Notify the Division with 24 hours of spudding the well.

- Contact Carol Daniels at (801) 538-5284.

Notify the Division prior to commencing operations to plug and abandon the well.

- Contact Dustin Doucet at (801) 538-5281 office (801) 733-0983 home

**Reporting Requirements:**

All required reports, forms and submittals will be promptly filed with the Division, including but not limited to the Entity Action Form (Form 6), Report of Water Encountered During Drilling (Form 7), Weekly Progress Reports for drilling and completion operations, and Sundry Notices and Reports on Wells requesting approval of change of plans or other operational actions.

**Approved By:**

A handwritten signature in black ink, appearing to read "Gil Hunt", with a stylized flourish at the end.

For Gil Hunt  
Associate Director, Oil & Gas

<b>STATE OF UTAH</b> DEPARTMENT OF NATURAL RESOURCES DIVISION OF OIL, GAS, AND MINING		<b>FORM 9</b>			
<b>SUNDRY NOTICES AND REPORTS ON WELLS</b>  Do not use this form for proposals to drill new wells, significantly deepen existing wells below current bottom-hole depth, reenter plugged wells, or to drill horizontal laterals. Use APPLICATION FOR PERMIT TO DRILL form for such proposals.		<b>5. LEASE DESIGNATION AND SERIAL NUMBER:</b> UTU0283A			
<b>1. TYPE OF WELL</b> Gas Well		<b>6. IF INDIAN, ALLOTTEE OR TRIBE NAME:</b>  			
<b>2. NAME OF OPERATOR:</b> EOG Resources, Inc.		<b>7. UNIT or CA AGREEMENT NAME:</b> CHAPITA WELLS			
<b>3. ADDRESS OF OPERATOR:</b> 1060 East Highway 40 , Vernal, UT, 84078		<b>8. WELL NAME and NUMBER:</b> CWU 1433-22D			
<b>4. LOCATION OF WELL</b> <b>FOOTAGES AT SURFACE:</b> 0366 FNL 2128 FWL <b>QTR/QTR, SECTION, TOWNSHIP, RANGE, MERIDIAN:</b> Qtr/Qtr: NENW Section: 22 Township: 09.0S Range: 22.0E Meridian: S		<b>9. API NUMBER:</b> 43047503190000			
<b>PHONE NUMBER:</b> 435 781-9111 Ext		<b>9. FIELD and POOL or WILDCAT:</b> NATURAL BUTTES			
<b>COUNTY:</b> UINTAH		<b>STATE:</b> UTAH			
<b>11. CHECK APPROPRIATE BOXES TO INDICATE NATURE OF NOTICE, REPORT, OR OTHER DATA</b>					
<b>TYPE OF SUBMISSION</b>	<b>TYPE OF ACTION</b>				
<input checked="" type="checkbox"/> <b>NOTICE OF INTENT</b> Approximate date work will start: 4/8/2010  <input type="checkbox"/> <b>SUBSEQUENT REPORT</b> Date of Work Completion:  <input type="checkbox"/> <b>SPUD REPORT</b> Date of Spud:  <input type="checkbox"/> <b>DRILLING REPORT</b> Report Date:	<table style="width: 100%; border: none;"> <tr> <td style="width: 33%; vertical-align: top;"> <input type="checkbox"/> ACIDIZE  <input checked="" type="checkbox"/> CHANGE TO PREVIOUS PLANS  <input type="checkbox"/> CHANGE WELL STATUS  <input type="checkbox"/> DEEPEN  <input type="checkbox"/> OPERATOR CHANGE  <input type="checkbox"/> PRODUCTION START OR RESUME  <input type="checkbox"/> REPERFORATE CURRENT FORMATION  <input type="checkbox"/> TUBING REPAIR  <input type="checkbox"/> WATER SHUTOFF  <input type="checkbox"/> WILDCAT WELL DETERMINATION         </td> <td style="width: 33%; vertical-align: top;"> <input type="checkbox"/> ALTER CASING  <input type="checkbox"/> CHANGE TUBING  <input type="checkbox"/> COMMINGLE PRODUCING FORMATIONS  <input type="checkbox"/> FRACTURE TREAT  <input type="checkbox"/> PLUG AND ABANDON  <input type="checkbox"/> RECLAMATION OF WELL SITE  <input type="checkbox"/> SIDETRACK TO REPAIR WELL  <input type="checkbox"/> VENT OR FLARE  <input type="checkbox"/> SI TA STATUS EXTENSION  <input type="checkbox"/> OTHER         </td> <td style="width: 33%; vertical-align: top;"> <input type="checkbox"/> CASING REPAIR  <input type="checkbox"/> CHANGE WELL NAME  <input type="checkbox"/> CONVERT WELL TYPE  <input type="checkbox"/> NEW CONSTRUCTION  <input type="checkbox"/> PLUG BACK  <input type="checkbox"/> RECOMPLETE DIFFERENT FORMATION  <input type="checkbox"/> TEMPORARY ABANDON  <input type="checkbox"/> WATER DISPOSAL  <input type="checkbox"/> APD EXTENSION            OTHER: _____         </td> </tr> </table>		<input type="checkbox"/> ACIDIZE <input checked="" type="checkbox"/> CHANGE TO PREVIOUS PLANS <input type="checkbox"/> CHANGE WELL STATUS <input type="checkbox"/> DEEPEN <input type="checkbox"/> OPERATOR CHANGE <input type="checkbox"/> PRODUCTION START OR RESUME <input type="checkbox"/> REPERFORATE CURRENT FORMATION <input type="checkbox"/> TUBING REPAIR <input type="checkbox"/> WATER SHUTOFF <input type="checkbox"/> WILDCAT WELL DETERMINATION	<input type="checkbox"/> ALTER CASING <input type="checkbox"/> CHANGE TUBING <input type="checkbox"/> COMMINGLE PRODUCING FORMATIONS <input type="checkbox"/> FRACTURE TREAT <input type="checkbox"/> PLUG AND ABANDON <input type="checkbox"/> RECLAMATION OF WELL SITE <input type="checkbox"/> SIDETRACK TO REPAIR WELL <input type="checkbox"/> VENT OR FLARE <input type="checkbox"/> SI TA STATUS EXTENSION <input type="checkbox"/> OTHER	<input type="checkbox"/> CASING REPAIR <input type="checkbox"/> CHANGE WELL NAME <input type="checkbox"/> CONVERT WELL TYPE <input type="checkbox"/> NEW CONSTRUCTION <input type="checkbox"/> PLUG BACK <input type="checkbox"/> RECOMPLETE DIFFERENT FORMATION <input type="checkbox"/> TEMPORARY ABANDON <input type="checkbox"/> WATER DISPOSAL <input type="checkbox"/> APD EXTENSION OTHER: _____
<input type="checkbox"/> ACIDIZE <input checked="" type="checkbox"/> CHANGE TO PREVIOUS PLANS <input type="checkbox"/> CHANGE WELL STATUS <input type="checkbox"/> DEEPEN <input type="checkbox"/> OPERATOR CHANGE <input type="checkbox"/> PRODUCTION START OR RESUME <input type="checkbox"/> REPERFORATE CURRENT FORMATION <input type="checkbox"/> TUBING REPAIR <input type="checkbox"/> WATER SHUTOFF <input type="checkbox"/> WILDCAT WELL DETERMINATION	<input type="checkbox"/> ALTER CASING <input type="checkbox"/> CHANGE TUBING <input type="checkbox"/> COMMINGLE PRODUCING FORMATIONS <input type="checkbox"/> FRACTURE TREAT <input type="checkbox"/> PLUG AND ABANDON <input type="checkbox"/> RECLAMATION OF WELL SITE <input type="checkbox"/> SIDETRACK TO REPAIR WELL <input type="checkbox"/> VENT OR FLARE <input type="checkbox"/> SI TA STATUS EXTENSION <input type="checkbox"/> OTHER	<input type="checkbox"/> CASING REPAIR <input type="checkbox"/> CHANGE WELL NAME <input type="checkbox"/> CONVERT WELL TYPE <input type="checkbox"/> NEW CONSTRUCTION <input type="checkbox"/> PLUG BACK <input type="checkbox"/> RECOMPLETE DIFFERENT FORMATION <input type="checkbox"/> TEMPORARY ABANDON <input type="checkbox"/> WATER DISPOSAL <input type="checkbox"/> APD EXTENSION OTHER: _____			
<b>12. DESCRIBE PROPOSED OR COMPLETED OPERATIONS. Clearly show all pertinent details including dates, depths, volumes, etc.</b> EOG Resources, Inc. respectfully requests authorization to change the drilling plan for the referenced well as per the attached.					
<b>Accepted by the Utah Division of Oil, Gas and Mining</b>					
<b>Date:</b> <u>April 14, 2010</u> <b>By:</b> <u>Dan K. Quist</u>					
<b>NAME (PLEASE PRINT)</b> Mickenzie Gates	<b>PHONE NUMBER</b> 435 781-9145	<b>TITLE</b> Operations Clerk			
<b>SIGNATURE</b> N/A	<b>DATE</b> 4/8/2010				

**DRILLING PLAN  
MULTI-WELL PAD:  
CWU 1425-22D, CWU 1427-22D, CWU 1432-22D,  
CWU 1433-22D, CWU 1434-22D,  
NE/NW, SEC. 22, T9S, R22E, S.L.B.&M..  
UINTAH COUNTY, UTAH**

**1. & 2. ESTIMATED TOPS & ANTICIPATED OIL, GAS, & WATER ZONES:**

	CWU 1425-22D		CWU 1427-22D		CWU 1432-22D		CWU 1433-22D	
FORMATION	TVD	MD	TVD	MD	TVD	MD	TVD	MD
Green River	1751	1757	1748	1752	1754	1761	1752	1767
Mahogany Oil Shale Bed	2405	2413	2400	2406	2408	2418	2408	2418
Wasatch	4800	4817	4810	4821	4818	4839	4818	4836
Chapita Wells	5392	5412	5406	5420	5415	5439	5420	5441
Buck Canyon	6082	6105	6100	6115	6112	6139	6119	6143
North Horn	6745	6771	6760	6777	6760	6807	6787	6813
KMV Price River	7270	7297	7292	7310	7309	7341	7326	7354
KMV Price River Middle	8118	8146	8138	8156	8165	8197	8180	8208
KMV Price River Lower	8904	8931	8922	8940	8946	8977	8959	8987
Sego	9414	9442	9428	9446	9467	9493	9467	9496
TD	9650	9695	9630	9647	9670	9701	9670	9697
ANTICIPATED BHP (PSI)	5269		5258		5280		5280	

	CWU 1434-22D							
FORMATION	TVD	MD						
Green River	1751	1757						
Mahogany Oil Shale Bed	2405	2413						
Wasatch	4800	4817						
Chapita Wells	5392	5412						
Buck Canyon	6082	6105						
North Horn	6745	6771						
KMV Price River	7270	7297						
KMV Price River Middle	8118	8146						
KMV Price River Lower	8904	8931						
Sego	9414	9442						
TD	9620	9646						
ANTICIPATED BHP (PSI)	5253							

1. Fresh Waters may exist in the upper, approximately 1,000 ft ± of the Green River Formation, with top at about 2,000 ft ±.
2. Cement isolation is installed to surface of the well isolating all zones by cement.

**3. PRESSURE CONTROL EQUIPMENT:** Production Hole – 5000 Psig



**DRILLING PLAN  
MULTI-WELL PAD:  
CWU 1425-22D, CWU 1427-22D, CWU 1432-22D,  
CWU 1433-22D, CWU 1434-22D,  
NE/NW, SEC. 22, T9S, R22E, S.L.B.&M..  
UINTAH COUNTY, UTAH**

BOP schematic diagrams attached.

**4. CASING PROGRAM:**

Casing	Hole Size	Length	Size	Weight	Grade	Thread	Rating Collapse	Rating Burst	Tensile
Conductor	20"	0 – 60'	14"	32.5#	A252			1800 PSI	10,000#
Surface	12 1/4"	0 – 2,300'±	9 5/8"	36.0#	J-55	STC	2020 PSI	3520 PSI	394,000#
Production	7 7/8"	Surface – TD	4 1/2"	11.6#	N-80	LTC	6350 PSI	7780 PSI	223,000#

**Note:** 12 1/4" surface hole will be drilled to a total depth of 200'± below the base of the Green River lost circulation zone and cased w/9-5/8" as shown to that depth. Drilled depth may be shallower or deeper than the 2300' shown above depending on the actual depth of the loss zone.

All casing will be new or inspected.

**5. Float Equipment:**

**Surface Hole Procedure (0' - 2300'±)**

Guide Shoe

Insert Float Collar (PDC drillable)

Centralizers: 1-5' above shoe, top of jts. #2 and #3 then every 5<sup>th</sup> joint to surface. (15 total)

**Production Hole Procedure (2300'± - TD):**

Float shoe, 1 joint casing, float collar and balance of casing to surface. 4-1/2", 11.6#, N-80 or equivalent marker collars or short casing joints to be placed at top of Price River and 400' above top of Wasatch. Centralizers to be placed 5' above shoe on joint #1, top of joint #2, and every 3rd joint to 400' above the top of primary objective. Thread lock float shoe, top and bottom of float collar, and top of 2<sup>nd</sup> joint.

**6. MUD PROGRAM**

**Surface Hole Procedure (Surface - 2300'±):**

**0' - 2300'±** Air/Air mist/Aerated water  
or

A closed mud system will be utilized with a gelled bentonite system. LCM sweeps, additions, etc. will be utilized as necessary.

**DRILLING PLAN**  
**MULTI-WELL PAD:**  
**CWU 1425-22D, CWU 1427-22D, CWU 1432-22D,**  
**CWU 1433-22D, CWU 1434-22D,**  
**NE/NW, SEC. 22, T9S, R22E, S.L.B.&M..**  
**UINTAH COUNTY, UTAH**

**Production Hole Procedure (2300'± - TD):**

Anticipated mud weight 9.5-10.5 ppg depending on actual wellbore conditions encountered while drilling.

**2300'± - TD** A closed mud system will be utilized. A bentonite gelled water mud system will be used to control viscosity w/PHPA polymer used for supplemental viscosity and clay encapsulation/inhibition. Water loss will be maintained at <15cc's using white starch or PAC. Bactericides will be used as needed. Anticipated pH will range from 9.0-10.0. Mud weight will be adjusted as necessary for well control. Defloculants/thinners will be used as necessary to maintain mud quality. LCM sweeps will be utilized as necessary to control lost circulation and mud loss. CO2 contamination, if encountered, will be treated with lime and gypsum.

**7. VARIANCE REQUESTS:**

**Reference:**    **Onshore Oil and Gas Order No. 1**  
                      **Onshore Oil and Gas Order No. 2 – Section E: Special Drilling Operations**

- EOG Resources, Inc. requests a variance to regulations requiring a straight run blooie line to be 100' in length. (Where possible, a straight run blooie line will be used).
- EOG Resources, Inc. requests a variance to regulations requiring the blooie line to be 100' in length. To reduce location excavation, the blooie line will be approximately 75' in length.
- EOG Resources, Inc. requests a variance to regulations, during air drilling operations only, requiring dedusting equipment. Dust during air drilling operations is controlled by water mist.
- EOG Resources, Inc. requests a variance to regulations, during air drilling operations only, requiring an automatic igniter or continuous pilot light on the blooie line. (Not required on aerated water system).
- EOG Resources, Inc. requests a variance that compressors are located in the opposite direction from the blooie line a minimum of 100 feet from the well bore. (Air Compressors are rig mounted).

**8. EVALUATION PROGRAM:**

<b>Logs:</b>	None
<b>Cased-hole Logs:</b>	Cased-hole logs will be run in lieu of open-hole logs consisting of the following: <b>Cement Bond / Casing Collar Locator and Gamma Ray</b>

**DRILLING PLAN**  
**MULTI-WELL PAD:**  
**CWU 1425-22D, CWU 1427-22D, CWU 1432-22D,**  
**CWU 1433-22D, CWU 1434-22D,**  
**NE/NW, SEC. 22, T9S, R22E, S.L.B.&M..**  
**UINTAH COUNTY, UTAH**

**9. CEMENT PROGRAM:**

**Surface Hole Procedure (Surface - 2300'±):**

- Lead: 150 sks** Class "G" cement with 16% Gel, 10 #/sx Gilsonite, 3% Salt, 2% CaCl<sub>2</sub>, 3 lb/sx GR3 ¼ #/sx Flocele mixed at 11 ppg, 3.82 ft<sup>3</sup>/sk. yield, 23 gps water.
- Tail: 135 sks** Class "G" cement with 2% CaCl<sub>2</sub>, ¼#/sk Flocele mixed at 15.6 ppg, 1.18 ft<sup>3</sup>/sk., 5.2 gps water.
- Top Out:** As necessary with Class "G" cement with 2% CaCl<sub>2</sub>, ¼#/sk Flocele mixed at 15.6 ppg, 1.18 ft<sup>3</sup>/sk., 5.2 gps water.
- Note:** The above number of sacks is based on gauge-hole calculation  
Lead volume to be calculated to bring cement to surface.  
Tail volume to be calculated to bring cement to 500' above the shoe.

**Production Hole Procedure (2300'± - TD)**

- Lead: 128 sks:** Hi-Lift "G" w/12% D20 (Bentonite), 1% D79 (Extender), 5% D44 (Salt), 0.2% D46 (Antifoam), 0.25% D112 (Fluid Loss Additive), 0.25 pps D29 (cello flakes) mixed at 11.0 ppg, 3.91 ft<sup>3</sup>/sk., 24.5 gps water.
- Tail: 942 sks:** 50:50 Poz "G" w/ 2% D20 (Bentonite), 0.1% D46 (Antifoam), 0.075% D13 (Retarder), 0.2% D167 (Fluid Loss Additive), 0.2% D65 (Dispersant), mixed at 14.1 ppg, 1.28 ft<sup>3</sup>/sk., 5.9gps water.
- Note:** The above number of sacks is based on gauge-hole calculation.  
Lead volume to be calculated to bring cement to 200'± above 9-5/8" casing shoe.  
Tail volume to be calculated to bring cement to 400'± above top of Wasatch.

**Final Cement volumes will be based upon gauge-hole plus 45% excess.**

**DRILLING PLAN**  
**MULTI-WELL PAD:**  
**CWU 1425-22D, CWU 1427-22D, CWU 1432-22D,**  
**CWU 1433-22D, CWU 1434-22D,**  
**NE/NW, SEC. 22, T9S, R22E, S.L.B.&M..**  
**UINTAH COUNTY, UTAH**

**10. ABNORMAL CONDITIONS:**

**Surface Hole (Surface - 2300'±):**

Lost circulation

**Production Hole (2300'± - TD):**

Sloughing shales, lost circulation and key seat development are possible in the Wasatch Formation.

**11. STANDARD REQUIRED EQUIPMENT:**

- A. Choke Manifold
- B. Upper and Lower Kelly Cock
- C. Stabbing Valve
- D. Visual Mud Monitoring

**12. HAZARDOUS CHEMICALS:**

No chemicals subject to reporting under SARA title III in an amount equal to or greater than 10,000 pounds will be used, produced, stored, transported, or disposed of annually in association with the drilling of this well. Furthermore, no extremely hazardous substances, as defined in 40 CFR 355, in threshold planning quantities, will be used, produced, stored, transported, or disposed of in association with the drilling of this well.

**13. Air Drilling Operations:**

1. Main Air Compressors are 1250 CFM 350 psi with 2000 psi Boosters and are rig mounted.
2. Secondary Air Compressors are 1170 CFM 350 psi with 2000 psi Boosters and are rig mounted.
3. Minimum setting depth of conductor casing will be 60' GL or 10'± into competent formation, whichever is deeper, as determined by the EOG person in charge. Exceptions must be approved by an EOG drilling superintendent or manager.
4. The diameter of the diverter flow line will be a minimum of 10" to help reduce back pressure on the well bore during uncontrolled flow.
5. Rat and Mouse hole drilling will occur only after surface casing has been set and cemented.
6. EOG Resources, Inc. will use a properly maintained and lubricated stripper head.

**(Attachment: BOP Schematic Diagram)**

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<b>12. DESCRIBE PROPOSED OR COMPLETED OPERATIONS. Clearly show all pertinent details including dates, depths, volumes, etc.</b> EOG Resources, Inc. respectfully requests the APD for the referenced well be extended for one year.					
<b>Approved by the Utah Division of Oil, Gas and Mining</b>					
<b>Date:</b> June 01, 2010					
<b>By:</b>					
<b>NAME (PLEASE PRINT)</b> Mickenzie Gates	<b>PHONE NUMBER</b> 435 781-9145	<b>TITLE</b> Operations Clerk			
<b>SIGNATURE</b> N/A	<b>DATE</b> 5/26/2010				

**RECEIVED** May 26, 2010



## The Utah Division of Oil, Gas, and Mining

- State of Utah  
- Department of Natural Resources

Electronic Permitting System - Sundry Notices

### Request for Permit Extension Validation Well Number 43047503190000

**API:** 43047503190000

**Well Name:** CWU 1433-22D

**Location:** 0366 FNL 2128 FWL QTR NENW SEC 22 TWNP 090S RNG 220E MER S

**Company Permit Issued to:** EOG RESOURCES, INC.

**Date Original Permit Issued:** 6/9/2009

The undersigned as owner with legal rights to drill on the property as permitted above, hereby verifies that the information as submitted in the previously approved application to drill, remains valid and does not require revision. Following is a checklist of some items related to the application, which should be verified.

- If located on private land, has the ownership changed, if so, has the surface agreement been updated? ☐ Yes ☒ No
- Have any wells been drilled in the vicinity of the proposed well which would affect the spacing or siting requirements for this location? ☐ Yes ☒ No
- Has there been any unit or other agreements put in place that could affect the permitting or operation of this proposed well? ☐ Yes ☒ No
- Have there been any changes to the access route including ownership, or rightof- way, which could affect the proposed location? ☐ Yes ☒ No
- Has the approved source of water for drilling changed? ☐ Yes ☒ No
- Have there been any physical changes to the surface location or access route which will require a change in plans from what was discussed at the onsite evaluation? ☐ Yes ☒ No
- Is bonding still in place, which covers this proposed well? ☒ Yes ☐ No

**Approved by the  
Utah Division of  
Oil, Gas and Mining**

**Signature:** Mickenzie Gates

**Date:** 5/26/2010

**Title:** Operations Clerk **Representing:** EOG RESOURCES, INC.

**Date:** June 01, 2010

**By:** 

**RECEIVED** May 26, 2010

<b>STATE OF UTAH</b> DEPARTMENT OF NATURAL RESOURCES DIVISION OF OIL, GAS, AND MINING		<b>FORM 9</b>
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<b>Accepted by the Utah Division of Oil, Gas and Mining FOR RECORD ONLY</b>		
<b>NAME (PLEASE PRINT)</b> Mickenzie Gates	<b>PHONE NUMBER</b> 435 781-9145	<b>TITLE</b> Operations Clerk
<b>SIGNATURE</b> N/A	<b>DATE</b> 4/21/2011	

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<b>12. DESCRIBE PROPOSED OR COMPLETED OPERATIONS. Clearly show all pertinent details including dates, depths, volumes, etc.</b> EOG Resources, Inc. respectfully requests authorization for the disposal of produced water at the following locations: 1. NBU 20-20B SWD 2. CWU 550-30N SWD 3. CWU 2-29 SWD 4. Red Wash Evaporation Ponds 1,2,3,4,5,6&7 5. White River Evaporation Ponds 1&2 6. Coyote Evaporation Ponds 1&2 7. RNI Disposal 8. Hoss SWD Wells ROW# UTU86010 & UTU897013		
<b>Accepted by the</b> <b>Utah Division of</b> <b>Oil, Gas and Mining</b> <b>FOR RECORD ONLY</b>		
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<b>COUNTY:</b> UINTAH		<b>STATE:</b> UTAH			
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<b>TYPE OF SUBMISSION</b>  <input checked="" type="checkbox"/> <b>NOTICE OF INTENT</b> Approximate date work will start: 4/14/2011  <input type="checkbox"/> <b>SUBSEQUENT REPORT</b> Date of Work Completion:  <input type="checkbox"/> <b>SPUD REPORT</b> Date of Spud:  <input type="checkbox"/> <b>DRILLING REPORT</b> Report Date:	<b>TYPE OF ACTION</b>  <table style="width: 100%; border: none;"> <tr> <td style="width: 33%; vertical-align: top;"> <input type="checkbox"/> ACIDIZE  <input checked="" type="checkbox"/> CHANGE TO PREVIOUS PLANS  <input type="checkbox"/> CHANGE WELL STATUS  <input type="checkbox"/> DEEPEN  <input type="checkbox"/> OPERATOR CHANGE  <input type="checkbox"/> PRODUCTION START OR RESUME  <input type="checkbox"/> REPERFORATE CURRENT FORMATION  <input type="checkbox"/> TUBING REPAIR  <input type="checkbox"/> WATER SHUTOFF  <input type="checkbox"/> WILDCAT WELL DETERMINATION         </td> <td style="width: 33%; vertical-align: top;"> <input type="checkbox"/> ALTER CASING  <input type="checkbox"/> CHANGE TUBING  <input type="checkbox"/> COMMINGLE PRODUCING FORMATIONS  <input type="checkbox"/> FRACTURE TREAT  <input type="checkbox"/> PLUG AND ABANDON  <input type="checkbox"/> RECLAMATION OF WELL SITE  <input type="checkbox"/> SIDETRACK TO REPAIR WELL  <input type="checkbox"/> VENT OR FLARE  <input type="checkbox"/> SI TA STATUS EXTENSION  <input type="checkbox"/> OTHER         </td> <td style="width: 33%; vertical-align: top;"> <input type="checkbox"/> CASING REPAIR  <input type="checkbox"/> CHANGE WELL NAME  <input type="checkbox"/> CONVERT WELL TYPE  <input type="checkbox"/> NEW CONSTRUCTION  <input type="checkbox"/> PLUG BACK  <input type="checkbox"/> RECOMPLETE DIFFERENT FORMATION  <input type="checkbox"/> TEMPORARY ABANDON  <input type="checkbox"/> WATER DISPOSAL  <input type="checkbox"/> APD EXTENSION            OTHER: <input style="width: 100px;" type="text"/> </td> </tr> </table>		<input type="checkbox"/> ACIDIZE <input checked="" type="checkbox"/> CHANGE TO PREVIOUS PLANS <input type="checkbox"/> CHANGE WELL STATUS <input type="checkbox"/> DEEPEN <input type="checkbox"/> OPERATOR CHANGE <input type="checkbox"/> PRODUCTION START OR RESUME <input type="checkbox"/> REPERFORATE CURRENT FORMATION <input type="checkbox"/> TUBING REPAIR <input type="checkbox"/> WATER SHUTOFF <input type="checkbox"/> WILDCAT WELL DETERMINATION	<input type="checkbox"/> ALTER CASING <input type="checkbox"/> CHANGE TUBING <input type="checkbox"/> COMMINGLE PRODUCING FORMATIONS <input type="checkbox"/> FRACTURE TREAT <input type="checkbox"/> PLUG AND ABANDON <input type="checkbox"/> RECLAMATION OF WELL SITE <input type="checkbox"/> SIDETRACK TO REPAIR WELL <input type="checkbox"/> VENT OR FLARE <input type="checkbox"/> SI TA STATUS EXTENSION <input type="checkbox"/> OTHER	<input type="checkbox"/> CASING REPAIR <input type="checkbox"/> CHANGE WELL NAME <input type="checkbox"/> CONVERT WELL TYPE <input type="checkbox"/> NEW CONSTRUCTION <input type="checkbox"/> PLUG BACK <input type="checkbox"/> RECOMPLETE DIFFERENT FORMATION <input type="checkbox"/> TEMPORARY ABANDON <input type="checkbox"/> WATER DISPOSAL <input type="checkbox"/> APD EXTENSION OTHER: <input style="width: 100px;" type="text"/>
<input type="checkbox"/> ACIDIZE <input checked="" type="checkbox"/> CHANGE TO PREVIOUS PLANS <input type="checkbox"/> CHANGE WELL STATUS <input type="checkbox"/> DEEPEN <input type="checkbox"/> OPERATOR CHANGE <input type="checkbox"/> PRODUCTION START OR RESUME <input type="checkbox"/> REPERFORATE CURRENT FORMATION <input type="checkbox"/> TUBING REPAIR <input type="checkbox"/> WATER SHUTOFF <input type="checkbox"/> WILDCAT WELL DETERMINATION	<input type="checkbox"/> ALTER CASING <input type="checkbox"/> CHANGE TUBING <input type="checkbox"/> COMMINGLE PRODUCING FORMATIONS <input type="checkbox"/> FRACTURE TREAT <input type="checkbox"/> PLUG AND ABANDON <input type="checkbox"/> RECLAMATION OF WELL SITE <input type="checkbox"/> SIDETRACK TO REPAIR WELL <input type="checkbox"/> VENT OR FLARE <input type="checkbox"/> SI TA STATUS EXTENSION <input type="checkbox"/> OTHER	<input type="checkbox"/> CASING REPAIR <input type="checkbox"/> CHANGE WELL NAME <input type="checkbox"/> CONVERT WELL TYPE <input type="checkbox"/> NEW CONSTRUCTION <input type="checkbox"/> PLUG BACK <input type="checkbox"/> RECOMPLETE DIFFERENT FORMATION <input type="checkbox"/> TEMPORARY ABANDON <input type="checkbox"/> WATER DISPOSAL <input type="checkbox"/> APD EXTENSION OTHER: <input style="width: 100px;" type="text"/>			
<b>12. DESCRIBE PROPOSED OR COMPLETED OPERATIONS. Clearly show all pertinent details including dates, depths, volumes, etc.</b> EOG Resources, Inc. respectfully requests authorization to change the Drilling Plan as per the attached.					
<b>Accepted by the Utah Division of Oil, Gas and Mining</b>  <b>Date:</b> 04/27/2011 <b>By:</b>					
<b>NAME (PLEASE PRINT)</b> Mickenzie Gates		<b>PHONE NUMBER</b> 435 781-9145			
<b>SIGNATURE</b> N/A		<b>TITLE</b> Operations Clerk			
<b>DATE</b> 4/14/2011					



**DRILLING PLAN**  
**MULTI-WELL PAD:**  
**CWU 1425-22D, CWU 1427-22D, CWU 1432-22D,**  
**CWU 1433-22D, CWU 1434-22D,**  
**NE/NW, SEC. 22, T9S, R22E, S.L.B.&M..**  
**UINTAH COUNTY, UTAH**

## **5. FLOAT EQUIPMENT:**

### **Surface Casing (0' - ±2300'):**

Guide Shoe

Insert Float Collar (PDC drillable)

Centralizers: 1 in middle of shoe joint, then top of every joint for next 7 joints, 2 at KOP. (10 total)

### **Production Casing (0' - MTD):**

Float shoe, 1 joint casing, float collar and balance of casing to surface. 4-½", 11.6#, N-80 or equivalent marker collars or short casing joints to be placed at top of Price River and 400' above top of Wasatch. Turbulizers to be placed 5' above shoe on joint #1, middle of joint #2 and #3. Centralizers starting on joint #4 and every 3rd joint to 400' above the top of primary objective. Thread lock float shoe, top and bottom of float collar, and top of 2<sup>nd</sup> joint.

## **9. CEMENT PROGRAM:**

### **Surface Casing (0' - ±2300'):**

**Lead:** Lead volume to be calculated to bring cement from 500' above casing shoe to surface. Lead cement will be:

140 sx. HES VariCem (Type III) + 2% Cal-Seal (Thixotropic Additive) + 0.3% Versaset (Thixotropic Additive) + 2% Econolite (Light Weight Additive), mixed at 10.5 ppg, 4.10 cfps, 26.88 gps fresh water

**Tail:** Tail volume to be calculated to bring cement 500' above casing shoe. Tail cement will be:

135 sx. HES HalCem (Type V) + 2% CaCl<sub>2</sub> (Accelerator), mixed at 15.6 ppg, 1.18 cfps, 5.05 gps fresh water

**Top Out:** As necessary with:

HES HalCem (Type V) + 2% CaCl<sub>2</sub> (Accelerator), mixed at 15.6 ppg, 1.18 cfps, 5.05 gps fresh water

**Note:** The above number of sacks are calculated based on gauge hole. Final field cement volumes will be based on gauge hole plus 70% excess on the lead slurry and gauge hole plus 100% excess on the tail slurry.



**DRILLING PLAN**  
**MULTI-WELL PAD:**  
**CWU 1425-22D, CWU 1427-22D, CWU 1432-22D,**  
**CWU 1433-22D, CWU 1434-22D,**  
**NE/NW, SEC. 22, T9S, R22E, S.L.B.&M..**  
**UINTAH COUNTY, UTAH**

**9. CEMENT PROGRAM (cont'd):**

**Production Casing (0' – MTD):**

**Lead:** Lead volume to be calculated to bring cement from 400' above top of Wasatch Formation to 200'± above 9 5/8" surface casing shoe @ ±2300' MD. For improved mud displacement, lead slurry weight will be a minimum of 0.5 ppg over mud weight utilized at well MTD and vary from 11.0 – 13.0 ppg.

If lead slurry weight required is 11.0 ppg – 12.5 ppg, cement will be:

**HES Highbond 75 (75/25 Poz/G) + 6% Bentonite (Extender) + 0.3% Versaset (Thixotropic Additive)  
 + 2% Microbond (Expansion Additive)**

Calculated sacks with corresponding mixed slurry weights, yields and water requirements for above cement will be as follows:

- 215 sx. if 11.0 ppg, 2.52 cfps, 14.96 gps fresh water
- 255 sx. if 11.5 ppg, 2.12 cfps, 11.98 gps fresh water
- 295 sx. if 12.0 ppg, 1.83 cfps, 9.82 gps fresh water
- 335 sx. if 12.5 ppg, 1.61 cfps, 8.17 gps fresh water

If lead slurry weight required is 13.0 ppg, cement will be:

**335 sx. HES ExtendaCem (50/50 Poz/G) + 0.125 pps Pol-E-Flake (Lost Circulation Additive),  
 mixed at 13.0 ppg, 1.63 cfps, 8.16 gps fresh water**

**Tail:** Tail volume to be calculated to bring cement from MTD to 400' above top of Wasatch Formation. Tail cement will be:

**820 sx. HES ExtendaCem (50/50 Poz/G) + 0.125 pps Pol-E-Flake (Lost Circulation Additive),  
 + 0.2% HR-5 (Retarder), mixed at 13.5 ppg, 1.47 cfps, 6.98 gps fresh water**

**Note:** The above number of sacks in all cases are calculated based on gauge hole. Final field cement volumes will be based on gauge hole plus 50% excess on the lead slurry and gauge hole plus 70% excess on the tail slurry.

<b>STATE OF UTAH</b> DEPARTMENT OF NATURAL RESOURCES DIVISION OF OIL, GAS, AND MINING		<b>FORM 9</b>
<b>SUNDRY NOTICES AND REPORTS ON WELLS</b>  Do not use this form for proposals to drill new wells, significantly deepen existing wells below current bottom-hole depth, reenter plugged wells, or to drill horizontal laterals. Use APPLICATION FOR PERMIT TO DRILL form for such proposals.		<b>5. LEASE DESIGNATION AND SERIAL NUMBER:</b> UTU0283A
<b>1. TYPE OF WELL</b> Gas Well		<b>6. IF INDIAN, ALLOTTEE OR TRIBE NAME:</b>
<b>2. NAME OF OPERATOR:</b> EOG Resources, Inc.		<b>7. UNIT or CA AGREEMENT NAME:</b> CHAPITA WELLS
<b>3. ADDRESS OF OPERATOR:</b> 1060 East Highway 40 , Vernal, UT, 84078		<b>8. WELL NAME and NUMBER:</b> CWU 1433-22D
<b>4. LOCATION OF WELL</b> <b>FOOTAGES AT SURFACE:</b> 0366 FNL 2128 FWL <b>QTR/QTR, SECTION, TOWNSHIP, RANGE, MERIDIAN:</b> Qtr/Qtr: NENW Section: 22 Township: 09.0S Range: 22.0E Meridian: S		<b>9. API NUMBER:</b> 43047503190000
<b>10. FIELD and POOL or WILDCAT:</b> NATURAL BUTTES		<b>9. FIELD and POOL or WILDCAT:</b> NATURAL BUTTES
<b>COUNTY:</b> UINTAH		<b>STATE:</b> UTAH
<b>11. CHECK APPROPRIATE BOXES TO INDICATE NATURE OF NOTICE, REPORT, OR OTHER DATA</b>		
<b>TYPE OF SUBMISSION</b>	<b>TYPE OF ACTION</b>	
<input type="checkbox"/> <b>NOTICE OF INTENT</b> Approximate date work will start:	<input type="checkbox"/> <b>ACIDIZE</b>	
<input type="checkbox"/> <b>SUBSEQUENT REPORT</b> Date of Work Completion:	<input type="checkbox"/> <b>ALTER CASING</b>	
<input type="checkbox"/> <b>SPUD REPORT</b> Date of Spud:	<input type="checkbox"/> <b>CASING REPAIR</b>	
<input checked="" type="checkbox"/> <b>DRILLING REPORT</b> Report Date: 5/2/2011	<input type="checkbox"/> <b>CHANGE TO PREVIOUS PLANS</b>	
	<input type="checkbox"/> <b>CHANGE TUBING</b>	
	<input type="checkbox"/> <b>CHANGE WELL STATUS</b>	
	<input type="checkbox"/> <b>COMMINGLE PRODUCING FORMATIONS</b>	
	<input type="checkbox"/> <b>DEEPEN</b>	
	<input type="checkbox"/> <b>FRACTURE TREAT</b>	
	<input type="checkbox"/> <b>OPERATOR CHANGE</b>	
	<input type="checkbox"/> <b>PLUG AND ABANDON</b>	
	<input type="checkbox"/> <b>PRODUCTION START OR RESUME</b>	
	<input type="checkbox"/> <b>RECLAMATION OF WELL SITE</b>	
	<input type="checkbox"/> <b>REPERFORATE CURRENT FORMATION</b>	
	<input type="checkbox"/> <b>SIDETRACK TO REPAIR WELL</b>	
	<input type="checkbox"/> <b>TUBING REPAIR</b>	
	<input type="checkbox"/> <b>VENT OR FLARE</b>	
	<input type="checkbox"/> <b>WATER SHUTOFF</b>	
	<input type="checkbox"/> <b>SI TA STATUS EXTENSION</b>	
	<input type="checkbox"/> <b>WILDCAT WELL DETERMINATION</b>	
	<input type="checkbox"/> <b>OTHER:</b> <input style="width: 100px;" type="text"/>	
<b>12. DESCRIBE PROPOSED OR COMPLETED OPERATIONS. Clearly show all pertinent details including dates, depths, volumes, etc.</b>  Please see the attached well chronology for the referenced well showing all activity up to 5/2/11.		
<b>Accepted by the Utah Division of Oil, Gas and Mining FOR RECORD ONLY</b>		
<b>NAME (PLEASE PRINT)</b> Michelle Robles	<b>PHONE NUMBER</b> 307 276-4842	<b>TITLE</b> Regulatory Assistant
<b>SIGNATURE</b> N/A	<b>DATE</b> 5/2/2011	

## WELL CHRONOLOGY REPORT

Report Generated On: 04-28-2011

<b>Well Name</b>	CWU 1433-22D	<b>Well Type</b>	DEVG	<b>Division</b>	DENVER
<b>Field</b>	CHAPITA DEEP	<b>API #</b>	43-047-50319	<b>Well Class</b>	DRIL
<b>County, State</b>	UINTAH, UT	<b>Spud Date</b>		<b>Class Date</b>	
<b>Tax Credit</b>	N	<b>TVD / MD</b>	9,670/ 9,697	<b>Property #</b>	064672
<b>Water Depth</b>	0	<b>Last CSG</b>	9.625	<b>Shoe TVD / MD</b>	2,343/ 2,387
<b>KB / GL Elev</b>	4,919/ 4,900				
<b>Location</b>	Section 22, T9S, R22E, NENW, 366 FNL & 2128 FWL				

<b>Event No</b>	1.0	<b>Description</b>	DRILL & COMPLETE		
<b>Operator</b>	EOG RESOURCES, INC	<b>WI %</b>	0.0	<b>NRI %</b>	0.0

<b>AFE No</b>	306868	<b>AFE Total</b>	1,656,305	<b>DHC / CWC</b>	754,105/ 902,200
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<b>Rig Contr</b>	TRUE	<b>Rig Name</b>	TRUE #34	<b>Start Date</b>	03-31-2009	<b>Release Date</b>	
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<b>03-31-2009</b>	<b>Reported By</b>	SHEILA MALLOY
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<b>DailyCosts: Drilling</b>	\$0	<b>Completion</b>	\$0	<b>Daily Total</b>	\$0
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<b>Cum Costs: Drilling</b>	\$0	<b>Completion</b>	\$0	<b>Well Total</b>	\$0
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<b>MD</b>	0	<b>TVD</b>	0	<b>Progress</b>	0	<b>Days</b>	0	<b>MW</b>	0.0	<b>Visc</b>	0.0
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<b>Formation :</b>	<b>PBTD : 0.0</b>	<b>Perf :</b>	<b>PKR Depth : 0.0</b>
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**Activity at Report Time:** LOCATION DATA

Start	End	Hrs	Activity Description
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06:00	06:00	24.0	LOCATION DATA
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366' FNL & 2128' FWL (NE/NW)

SECTION 22, T9S, R22E

UINTAH COUNTY, UTAH

LAT 40 DEG 01' 39.82", LONG 109 DEG 25' 40.48" (NAD 83)

LAT 40 DEG 01' 39.95", LONG 109 DEG 25' 38.02" (NAD 27)

TRUE #34

OBJECTIVE: 9670' TVD/ 9697' MD, MESAVERDE

DW/GAS

CHAPITA WELLS DEEP PROSPECT

DD&A: CHAPITA DEEP

NATURAL BUTTES FIELD

LEASE: U-0283-A

ELEVATION: 4900.5' NAT GL, 4900.1' PREP GL (DUE TO ROUNDING PREP GL WILL BE 4900'), 4919' KB (19')

NOTE: MULTI-PAD LOCATION - CWU 1425D, CWU 1427-22D, CWU 1432-22D, CWU 1433-22D, CWU 1434-22D

EOG WI %, NRI %

**RECEIVED** May. 02, 2011

04-14-2011 Reported By TERRY CSERE

DailyCosts: Drilling \$20,000 Completion \$0 Daily Total \$20,000

Cum Costs: Drilling \$20,000 Completion \$0 Well Total \$20,000

MD 0 TVD 0 Progress 0 Days 0 MW 0.0 Visc 0.0

Formation : PBTB : 0.0 Perf : PKR Depth : 0.0

Activity at Report Time: LOCATION BUILD

Start End Hrs Activity Description

06:00 06:00 24.0 LOCATION BUILD WILL START TODAY. MULTI-PAD LOCATION - CWU 1425D, CWU 1427-22D, CWU 1432-22D, CWU 1433-22D, CWU 1434-22D

04-19-2011 Reported By GERALD ASHCRAFT

DailyCosts: Drilling \$2,890 Completion \$0 Daily Total \$2,890

Cum Costs: Drilling \$22,890 Completion \$0 Well Total \$22,890

MD 60 TVD 60 Progress 0 Days 0 MW 0.0 Visc 0.0

Formation : PBTB : 0.0 Perf : PKR Depth : 0.0

Activity at Report Time: SPUD NOTIFICATION

Start End Hrs Activity Description

06:00 06:00 24.0 CRAIG'S BUCKET RIG SPUD A 20" HOLE ON 4/18/11 @ 8:00 PM, SET 60' OF 14" CONDUCTOR. CEMENT TO SURFACE WITH READY MIX. BLM WAS NOTIFIED BY EMAIL OF SPUD ON 4/15/11 @ 11:21 AM.

04-26-2011 Reported By KERRY SALES

DailyCosts: Drilling \$24,549 Completion \$0 Daily Total \$24,549

Cum Costs: Drilling \$47,439 Completion \$0 Well Total \$47,439

MD 900 TVD 898 Progress 600 Days 0 MW 0.0 Visc 0.0

Formation : PBTB : 0.0 Perf : PKR Depth : 0.0

Activity at Report Time: DRILLING AT 900'

Start End Hrs Activity Description

06:00 15:30 9.5 MIRU. LEVEL GROUND. SPOT RIG, MUD PITS AND PIPE TRAILER. THE WELL WAS HAMMER DRILLED 12.25" TO 300' PRIOR TO RIG UP.

15:30 21:00 5.5 RIG ON DAY WORK AT 15:30 HOURS ON 4/25/2011. PICK UP BHA. ORIENT MWD, TIH SCRIBING PIPE TO 300', INSTALL DUST BOWL RUBBER. BREAK CIRCULATION AND FILL HOLE. CHECK FLOW AND MUD LINES. WORK ON MWD GROUND LINE CONNECTION.

BIT TO BEND 6.68', BIT TO MWD 56', RPG .16, MOTOR BEND 1.75 DEGREES. ALL SURVEY DEPTHS 19' RKB.

21:00 22:30 1.5 ROTATE AND SLIDE DRILL FROM 300' TO 400'. 100' ROP 66', WOB 5-8, GPM 501, SPP 450, ROTARY 45, MOTOR 80. ( DRILL 5' OF PILOT HOLE ).

22:30 23:00 0.5 RIG REPAIR. REPAIR DRIVE PULLY ON MUD PUMP LINER WASHERS.

23:00 06:00 7.0 ROTATE AND SLIDE DRILL FROM 400' TO 900'. 500'. ROP 71.4, WOB 10, SLIDE WOB 13-14, ROTARY 40, MOTOR 80, SPP 650, DIFF PSI 550, GPM 501. TFO HS 0-20 LEFT, 1' RIGHT AND 8' BELOW THE LINE.

FULL CREWS, NO ACCIDENTS OR INCENDENTS REPORTED.

SAFETY MEETINGS: BODY PLACEMENT AND SETTING DIVERTER.

FUEL 225 GALLONS.

RAIN FOR RENT FUEL 20 GALLONS.

FULL RETURNS.

04-27-2011 Reported By KERRY SALES

<b>DailyCosts: Drilling</b>	\$28,407	<b>Completion</b>	\$0	<b>Daily Total</b>	\$28,407
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<b>Cum Costs: Drilling</b>	\$75,847	<b>Completion</b>	\$0	<b>Well Total</b>	\$75,847
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<b>MD</b>	1,991	<b>TVD</b>	1,959	<b>Progress</b>	1,091	<b>Days</b>	0	<b>MW</b>	0.0	<b>Visc</b>	0.0
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<b>Formation :</b>	<b>PBTD : 0.0</b>	<b>Perf :</b>	<b>PKR Depth : 0.0</b>
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Activity at Report Time: DRILLING AT 1991'

Start	End	Hrs	Activity Description
06:00	15:00	9.0	ROTATE AND SLIDE DRILL FROM GL 900' TO 1450'. 550'. ROP 61.1', WOB 12-14, SLIDE WOB 18, GPM 501, SPP 1050, DIFF PSI 150, ROTARY 45-50, MOTOR 80, 58% SLIDE AND 42% ROTATE, .5' LEFT AND 2' BELOW THE LINE. TFO HS 20*.
15:00	15:30	0.5	CIRCULATE HOLE FOR PARTIAL MUD TANK CLEAN OUT.
15:30	18:00	2.5	CLEAN MUD TANKS. SERVICE RIG.
18:00	18:30	0.5	FILL MUD TANKS WITH WATER FROM RAIN FOR RENT TANKS.
18:30	06:00	11.5	ROTATE AND SLIDE DRILL FROM GL 1450' TO 1991'. 541'. ROP 47', WOB 15, SLIDE WOB 20, ROTARY 45, MOTOR 80, SPP 1100, DIFF PSI 100. 5' RIGHT AND 3' ABOVE THE LINE, 53% ROTATE AND 47% SLIDE, TFO HS 60*-80*- LEFT.

FULL CREWS, NO ACCIDENTS OR INCENDENTS REPORTED.

SAFETY MEETINGS: UNLOADING CASING, HOUSE KEEPING.

FUEL USED 594 GALLONS.

10% RETURNS. LOST CIRCULATION AT 1861'.

BIRDS NEST FORMATION.

04-28-2011 Reported By KERRY SALES

<b>DailyCosts: Drilling</b>	\$58,241	<b>Completion</b>	\$0	<b>Daily Total</b>	\$58,241
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<b>Cum Costs: Drilling</b>	\$134,088	<b>Completion</b>	\$0	<b>Well Total</b>	\$134,088
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<b>MD</b>	2,398	<b>TVD</b>	2,351	<b>Progress</b>	388	<b>Days</b>	0	<b>MW</b>	0.0	<b>Visc</b>	0.0
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<b>Formation :</b>	<b>PBTD : 0.0</b>	<b>Perf :</b>	<b>PKR Depth : 0.0</b>
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Activity at Report Time: CIRCULATE HOLE FOR CASING

Start	End	Hrs	Activity Description
06:00	08:00	2.0	ROTATE DRILL FROM GL 1991' TO 2035'. 44'. ROP 22, WOB 14, ROTARY 45, GPM 501, SPP 1100, DIFF PSI 100. 5' RIGH AND 3' ABOVE THE LINE.
08:00	09:00	1.0	DIRECTIONAL RELATED PROBLEMS. COMMUNICATION PROBLEMS WITH MWD. GROUND WIRE REPAIR. CIRCULATE AND PUMP DRILLING MUD AND WHITE RIVER POND WATER. DRAIN UP TRUE 34'S AND CRAIGS RIG 5 RESERVE PITS TODAY.
09:00	18:00	9.0	ROTATE AND SLIDE DRILL FORM GL 2035' TO 2350". 315'. ROP 35, WOB 12, SLIDE WOB 15, ROTARY 45, MOTOR 80, GPM 501, SPP 1150, DIFF PSI 150. TFO HS 80* LEFT, 29' RIGHT AND 10' ABOVE THE LINE. 56% ROTATE AND 44% SLIDE. RETURNS ZERO.
18:00	19:30	1.5	ROTATE DRILL FROM GL 2350' TO 2379'. 29'. MD GL TD 2379', MD RKB 19' TD 2398. TVD GL 2332', TVD 19' RKB 2351'. AT TD 30' RIGHT AND 8' ABOVE THE LINE. RETURNS ZERO. DAILY RECORDED DEPTH 19' RKB FOR TRUE 34'.
19:30	20:30	1.0	CIRCULATE HOLE FOR TRIP, BHA #1.
20:30	00:30	4.0	TRIP OUT OF HOLE. LAY DOWN DIRECTIONAL TOOLS. USED PUMP FIRST 3 JOINTS OFF BOTTOM 15K TO 25K OVER PULL THEN OK.
00:30	01:30	1.0	SET OUT BHA #1 AND SET UP BHA #2. CLEAN UP WORK AREA.
01:30	04:30	3.0	TRIP IN HOLE BHA #2 WIPER TRIP WITH TRI-CONE BIT AND 3 PT REAMER. LITE REAMING THROUGH TIGHT SPOTS AT 600', 630', 760', 1270' AND 1450'. 1' TO 3' EACH SPOT.



04:30 06:00 1.5 CIRCULATE HOLE FOR CASING. NO RETURNS.

FULL CREWS. NO ACCIDENTS OR INCIDENTS REPORTED.

SAFETY MEETINGS: PPE, USE OF RIG TONG.

DIESEL USED 773.5.

FUEL FOR RAIN F RENT PUMP 20 GALLONS.

NO CIRCULATION.

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**04-29-2011**      **Reported By**      KERRY SALES

**DailyCosts: Drilling**      \$2,248      **Completion**      \$0      **Daily Total**      \$2,248

**Cum Costs: Drilling**      \$136,337      **Completion**      \$0      **Well Total**      \$136,337

**MD**      2,398      **TVD**      2,351      **Progress**      0      **Days**      0      **MW**      0.0      **Visc**      0.0

**Formation :**      **PBTD : 0.0**      **Perf :**      **PKR Depth : 0.0**

**Activity at Report Time:**

Start	End	Hrs	Activity Description
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06:00	06:30	0.5	SPOT 100 BBL'S OF DRLG MUD ON BOTTOM.
-------	-------	-----	---------------------------------------

06:30			TRIP OUT OF HOLE BHA #2 WIPER TRIP.
-------	--	--	-------------------------------------

---

## DIVISION OF OIL, GAS AND MINING

### **SPUDDING INFORMATION**

Name of Company: EOG RESOURCES, INC

Well Name: CWU 1433-22D

Api No: 43-047-50319 Lease Type FEDERAL

Section 22 Township 09S Range 22E County UINTAH

Drilling Contractor CRAIG'S ROUSTABOUT SERV RIG # BUCKET

### **SPUDDED:**

Date 04/18/2011

Time 08:00 AM

How DRY

**Drilling will Commence:** \_\_\_\_\_

Reported by GEROLD ASHCROFT

Telephone # (435) 828-7445

Date 04/18/2011 Signed CHD

STATE OF UTAH  
DEPARTMENT OF NATURAL RESOURCES  
DIVISION OF OIL, GAS AND MINING

FORM 6

**ENTITY ACTION FORM**

Operator: EOG Resources, Inc. Operator Account Number: N 9550  
Address: 1060 East Highway 40  
city Vernal  
state UT zip 84078 Phone Number: (435) 781-9145

**Well 1**

API Number	Well Name	QQ	Sec	Twp	Rng	County
43-047-50318	CHAPITA WELLS UNIT 1432-22D	NENW	22	9S	22E	UINTAH
Action Code	Current Entity Number	New Entity Number	Spud Date	Entity Assignment Effective Date		
<u>AB</u>	99999	<u>13650</u>	4/18/2011	<u>4/25/11</u>		
Comments: <u>MESAVERDE</u> <u>BHL = Sec 15 SWSE</u>						

**Well 2**

API Number	Well Name	QQ	Sec	Twp	Rng	County
43-047-50319	CHAPITA WELLS UNIT 1433-22D	NENW	22	9S	22E	UINTAH
Action Code	Current Entity Number	New Entity Number	Spud Date	Entity Assignment Effective Date		
<u>AB</u>	99999	<u>13650</u>	4/18/2011	<u>4/25/11</u>		
Comments: <u>MESAVERDE</u> <u>BHL Sec 15 SESW</u>						

**Well 3**

API Number	Well Name	QQ	Sec	Twp	Rng	County
43-047-50317	CHAPITA WELLS UNIT 1434-22D	NENW	22	9S	22E	UINTAH
Action Code	Current Entity Number	New Entity Number	Spud Date	Entity Assignment Effective Date		
<u>AB</u>	99999	<u>13650</u>	4/17/2011	<u>4/25/11</u>		
Comments: <u>MESAVERDE</u> <u>BHL = NENW</u>						

**ACTION CODES:**

- A - Establish new entity for new well (single well only)
- B - Add new well to existing entity (group or unit well)
- C - Re-assign well from one existing entity to another existing entity
- D - Re-assign well from one existing entity to a new entity
- E - Other (Explain in 'comments' section)

Mickenzie Gates

Name (Please Print)

Mickenzie Gates

Signature

Regulatory Assistant

4/21/2011

Title

Date

RECEIVED

APR 25 2011

DIV. OF OIL, GAS & MINING

## **DIVISION OF OIL, GAS AND MINING**

### ***SPUDDING INFORMATION***

Name of Company: EOG RESOURCES, INC

Well Name: CWU 1443-22D

Api No: 43-047-50319 Lease Type FEDERAL

Section 22 Township 09S Range 22E County UINTAH

Drilling Contractor CRAIG'S ROUSTABOUT SERV RIG # 5

### **SPUDDED:**

Date 04/28/2011

Time 07:00 AM

How ROTARY

***Drilling will Commence:*** \_\_\_\_\_

Reported by KERRY SALES

Telephone # (801) 598-5087

Date 04/28/2011 Signed CHD

<b>STATE OF UTAH</b> DEPARTMENT OF NATURAL RESOURCES DIVISION OF OIL, GAS, AND MINING		<b>FORM 9</b>
<b>SUNDRY NOTICES AND REPORTS ON WELLS</b>  Do not use this form for proposals to drill new wells, significantly deepen existing wells below current bottom-hole depth, reenter plugged wells, or to drill horizontal laterals. Use APPLICATION FOR PERMIT TO DRILL form for such proposals.		<b>5. LEASE DESIGNATION AND SERIAL NUMBER:</b> UTU0283A
<b>1. TYPE OF WELL</b> Gas Well		<b>6. IF INDIAN, ALLOTTEE OR TRIBE NAME:</b>
<b>2. NAME OF OPERATOR:</b> EOG Resources, Inc.		<b>7. UNIT or CA AGREEMENT NAME:</b> CHAPITA WELLS
<b>3. ADDRESS OF OPERATOR:</b> 1060 East Highway 40 , Vernal, UT, 84078		<b>8. WELL NAME and NUMBER:</b> CWU 1433-22D
<b>4. LOCATION OF WELL</b> <b>FOOTAGES AT SURFACE:</b> 0366 FNL 2128 FWL <b>QTR/QTR, SECTION, TOWNSHIP, RANGE, MERIDIAN:</b> Qtr/Qtr: NENW Section: 22 Township: 09.0S Range: 22.0E Meridian: S		<b>9. API NUMBER:</b> 43047503190000
<b>PHONE NUMBER:</b> 435 781-9111 Ext		<b>9. FIELD and POOL or WILDCAT:</b> NATURAL BUTTES
<b>COUNTY:</b> UINTAH		<b>STATE:</b> UTAH
<b>11. CHECK APPROPRIATE BOXES TO INDICATE NATURE OF NOTICE, REPORT, OR OTHER DATA</b>		
<b>TYPE OF SUBMISSION</b>	<b>TYPE OF ACTION</b>	
<input type="checkbox"/> <b>NOTICE OF INTENT</b> Approximate date work will start:	<input type="checkbox"/> <b>ACIDIZE</b>	
<input type="checkbox"/> <b>SUBSEQUENT REPORT</b> Date of Work Completion:	<input type="checkbox"/> <b>ALTER CASING</b>	
<input type="checkbox"/> <b>SPUD REPORT</b> Date of Spud:	<input type="checkbox"/> <b>CASING REPAIR</b>	
<input checked="" type="checkbox"/> <b>DRILLING REPORT</b> Report Date: 6/3/2011	<input type="checkbox"/> <b>CHANGE TO PREVIOUS PLANS</b>	
	<input type="checkbox"/> <b>CHANGE TUBING</b>	
	<input type="checkbox"/> <b>CHANGE WELL STATUS</b>	
	<input type="checkbox"/> <b>COMMINGLE PRODUCING FORMATIONS</b>	
	<input type="checkbox"/> <b>DEEPEN</b>	
	<input type="checkbox"/> <b>FRACTURE TREAT</b>	
	<input type="checkbox"/> <b>OPERATOR CHANGE</b>	
	<input type="checkbox"/> <b>PLUG AND ABANDON</b>	
	<input type="checkbox"/> <b>PRODUCTION START OR RESUME</b>	
	<input type="checkbox"/> <b>RECLAMATION OF WELL SITE</b>	
	<input type="checkbox"/> <b>REPERFORATE CURRENT FORMATION</b>	
	<input type="checkbox"/> <b>SIDETRACK TO REPAIR WELL</b>	
	<input type="checkbox"/> <b>TUBING REPAIR</b>	
	<input type="checkbox"/> <b>VENT OR FLARE</b>	
	<input type="checkbox"/> <b>WATER SHUTOFF</b>	
	<input type="checkbox"/> <b>SI TA STATUS EXTENSION</b>	
	<input type="checkbox"/> <b>WILDCAT WELL DETERMINATION</b>	
	<input type="checkbox"/> <b>OTHER:</b> <input style="width: 100px;" type="text"/>	
<b>12. DESCRIBE PROPOSED OR COMPLETED OPERATIONS. Clearly show all pertinent details including dates, depths, volumes, etc.</b>  No activity has occurred since last submission on 5/2/2011 to 6/3/2011.		
<b>Accepted by the Utah Division of Oil, Gas and Mining FOR RECORD ONLY</b>		
<b>NAME (PLEASE PRINT)</b> Mickenzie Gates	<b>PHONE NUMBER</b> 435 781-9145	<b>TITLE</b> Operations Clerk
<b>SIGNATURE</b> N/A	<b>DATE</b> 6/3/2011	



<b>STATE OF UTAH</b> DEPARTMENT OF NATURAL RESOURCES DIVISION OF OIL, GAS, AND MINING		<b>FORM 9</b>
<b>SUNDRY NOTICES AND REPORTS ON WELLS</b>  Do not use this form for proposals to drill new wells, significantly deepen existing wells below current bottom-hole depth, reenter plugged wells, or to drill horizontal laterals. Use APPLICATION FOR PERMIT TO DRILL form for such proposals.		<b>5. LEASE DESIGNATION AND SERIAL NUMBER:</b> UTU0283A
<b>1. TYPE OF WELL</b> Gas Well		<b>6. IF INDIAN, ALLOTTEE OR TRIBE NAME:</b>
<b>2. NAME OF OPERATOR:</b> EOG Resources, Inc.		<b>7. UNIT or CA AGREEMENT NAME:</b> CHAPITA WELLS
<b>3. ADDRESS OF OPERATOR:</b> 1060 East Highway 40 , Vernal, UT, 84078		<b>8. WELL NAME and NUMBER:</b> CWU 1433-22D
<b>4. LOCATION OF WELL</b> <b>FOOTAGES AT SURFACE:</b> 0366 FNL 2128 FWL <b>QTR/QTR, SECTION, TOWNSHIP, RANGE, MERIDIAN:</b> Qtr/Qtr: NENW Section: 22 Township: 09.0S Range: 22.0E Meridian: S		<b>9. API NUMBER:</b> 43047503190000
<b>10. FIELD and POOL or WILDCAT:</b> NATURAL BUTTES		<b>9. FIELD and POOL or WILDCAT:</b> NATURAL BUTTES
<b>COUNTY:</b> UINTAH		<b>STATE:</b> UTAH
<b>11. CHECK APPROPRIATE BOXES TO INDICATE NATURE OF NOTICE, REPORT, OR OTHER DATA</b>		
<b>TYPE OF SUBMISSION</b>	<b>TYPE OF ACTION</b>	
<input type="checkbox"/> <b>NOTICE OF INTENT</b> Approximate date work will start:	<input type="checkbox"/> <b>ACIDIZE</b>	
<input type="checkbox"/> <b>SUBSEQUENT REPORT</b> Date of Work Completion:	<input type="checkbox"/> <b>ALTER CASING</b>	
<input type="checkbox"/> <b>SPUD REPORT</b> Date of Spud:	<input type="checkbox"/> <b>CASING REPAIR</b>	
<input checked="" type="checkbox"/> <b>DRILLING REPORT</b> Report Date: 7/8/2011	<input type="checkbox"/> <b>CHANGE TO PREVIOUS PLANS</b>	
	<input type="checkbox"/> <b>CHANGE TUBING</b>	
	<input type="checkbox"/> <b>CHANGE WELL STATUS</b>	
	<input type="checkbox"/> <b>COMMINGLE PRODUCING FORMATIONS</b>	
	<input type="checkbox"/> <b>DEEPEN</b>	
	<input type="checkbox"/> <b>FRACTURE TREAT</b>	
	<input type="checkbox"/> <b>OPERATOR CHANGE</b>	
	<input type="checkbox"/> <b>PLUG AND ABANDON</b>	
	<input type="checkbox"/> <b>PRODUCTION START OR RESUME</b>	
	<input type="checkbox"/> <b>RECLAMATION OF WELL SITE</b>	
	<input type="checkbox"/> <b>REPERFORATE CURRENT FORMATION</b>	
	<input type="checkbox"/> <b>SIDETRACK TO REPAIR WELL</b>	
	<input type="checkbox"/> <b>TUBING REPAIR</b>	
	<input type="checkbox"/> <b>VENT OR FLARE</b>	
	<input type="checkbox"/> <b>WATER SHUTOFF</b>	
	<input type="checkbox"/> <b>SI TA STATUS EXTENSION</b>	
	<input type="checkbox"/> <b>WILDCAT WELL DETERMINATION</b>	
	<input type="checkbox"/> <b>OTHER:</b> <input style="width: 100px;" type="text"/>	
<b>12. DESCRIBE PROPOSED OR COMPLETED OPERATIONS. Clearly show all pertinent details including dates, depths, volumes, etc.</b>  No activity has occurred since last submission on 6/3/2011 to 7/8/2011.		
<b>Accepted by the Utah Division of Oil, Gas and Mining FOR RECORD ONLY</b>		
<b>NAME (PLEASE PRINT)</b> Mickenzie Gates	<b>PHONE NUMBER</b> 435 781-9145	<b>TITLE</b> Operations Clerk
<b>SIGNATURE</b> N/A	<b>DATE</b> 7/8/2011	

## BLM - Vernal Field Office - Notification Form

Operator EOG RESOURCES Rig Name/# TRUE 34  
Submitted By PAT CLARK Phone Number 877-352-0710  
Well Name/Number CWU 1433-22D  
Qtr/Qtr NE/NW Section 22 Township 9S Range 22E  
Lease Serial Number UTU-0283A  
API Number 43-047-50319

Spud Notice – Spud is the initial spudding of the well, not drilling out below a casing string.

Date/Time \_\_\_\_\_ AM ☐ PM ☐

Casing – Please report time casing run starts, not cementing times.

- ☐ Surface Casing  
☐ Intermediate Casing  
☐ Production Casing  
☐ Liner  
☐ Other

**RECEIVED**

**AUG 08 2011**

**DIV. OF OIL, GAS & MINING**

Date/Time \_\_\_\_\_ AM ☐ PM ☐

BOPE

- ☒ Initial BOPE test at surface casing point  
☐ BOPE test at intermediate casing point  
☐ 30 day BOPE test  
☐ Other

Date/Time 08/08/2011 21:00 HRS AM ☐ PM ☒

Remarks SENT 8/7/11 @ 20:30 HRS

<b>STATE OF UTAH</b> DEPARTMENT OF NATURAL RESOURCES DIVISION OF OIL, GAS, AND MINING		<b>FORM 9</b>
<b>SUNDRY NOTICES AND REPORTS ON WELLS</b>  Do not use this form for proposals to drill new wells, significantly deepen existing wells below current bottom-hole depth, reenter plugged wells, or to drill horizontal laterals. Use APPLICATION FOR PERMIT TO DRILL form for such proposals.		<b>5. LEASE DESIGNATION AND SERIAL NUMBER:</b> UTU0283A
<b>1. TYPE OF WELL</b> Gas Well		<b>6. IF INDIAN, ALLOTTEE OR TRIBE NAME:</b>
<b>2. NAME OF OPERATOR:</b> EOG Resources, Inc.		<b>7. UNIT or CA AGREEMENT NAME:</b> CHAPITA WELLS
<b>3. ADDRESS OF OPERATOR:</b> 1060 East Highway 40 , Vernal, UT, 84078		<b>8. WELL NAME and NUMBER:</b> CWU 1433-22D
<b>4. LOCATION OF WELL</b> <b>FOOTAGES AT SURFACE:</b> 0366 FNL 2128 FWL <b>QTR/QTR, SECTION, TOWNSHIP, RANGE, MERIDIAN:</b> Qtr/Qtr: NENW Section: 22 Township: 09.0S Range: 22.0E Meridian: S		<b>9. API NUMBER:</b> 43047503190000
<b>PHONE NUMBER:</b> 435 781-9111 Ext		<b>9. FIELD and POOL or WILDCAT:</b> NATURAL BUTTES
<b>COUNTY:</b> UINTAH		<b>STATE:</b> UTAH
11. CHECK APPROPRIATE BOXES TO INDICATE NATURE OF NOTICE, REPORT, OR OTHER DATA		
<b>TYPE OF SUBMISSION</b>	<b>TYPE OF ACTION</b>	
<input type="checkbox"/> NOTICE OF INTENT Approximate date work will start:	<input type="checkbox"/> ACIDIZE	
<input type="checkbox"/> SUBSEQUENT REPORT Date of Work Completion:	<input type="checkbox"/> ALTER CASING	
<input type="checkbox"/> SPUD REPORT Date of Spud:	<input type="checkbox"/> CASING REPAIR	
<input checked="" type="checkbox"/> DRILLING REPORT Report Date: 8/2/2011	<input type="checkbox"/> CHANGE TO PREVIOUS PLANS	
	<input type="checkbox"/> CHANGE TUBING	
	<input type="checkbox"/> CHANGE WELL STATUS	
	<input type="checkbox"/> COMMINGLE PRODUCING FORMATIONS	
	<input type="checkbox"/> DEEPEN	
	<input type="checkbox"/> FRACTURE TREAT	
	<input type="checkbox"/> OPERATOR CHANGE	
	<input type="checkbox"/> PLUG AND ABANDON	
	<input type="checkbox"/> PRODUCTION START OR RESUME	
	<input type="checkbox"/> RECLAMATION OF WELL SITE	
	<input type="checkbox"/> REPERFORATE CURRENT FORMATION	
	<input type="checkbox"/> SIDETRACK TO REPAIR WELL	
	<input type="checkbox"/> TUBING REPAIR	
	<input type="checkbox"/> VENT OR FLARE	
	<input type="checkbox"/> WATER SHUTOFF	
	<input type="checkbox"/> SI TA STATUS EXTENSION	
	<input type="checkbox"/> WILDCAT WELL DETERMINATION	
	<input type="checkbox"/> OTHER: <input style="width: 100px;" type="text"/>	
12. DESCRIBE PROPOSED OR COMPLETED OPERATIONS. Clearly show all pertinent details including dates, depths, volumes, etc.  No activity has occurred since last submission on 7/08/2011 to 8/02/2011.		
<b>Accepted by the          Utah Division of          Oil, Gas and Mining          FOR RECORD ONLY</b>		
<b>NAME (PLEASE PRINT)</b> Nanette Lupcho	<b>PHONE NUMBER</b> 435 781-9157	<b>TITLE</b> Regulatory Assistant
<b>SIGNATURE</b> N/A	<b>DATE</b> 8/2/2011	

## BLM - Vernal Field Office - Notification Form

Operator EOG RESOURCES Rig Name/# TRUE 34  
Submitted By PAT CLARK Phone Number 877-352-0710  
Well Name/Number CWU 1433-22D  
Qtr/Qtr NE/NW Section 22 Township 9S Range 22E  
Lease Serial Number UTU-0283A  
API Number 43-047-50319

Spud Notice – Spud is the initial spudding of the well, not drilling out below a casing string.

Date/Time \_\_\_\_\_ AM ☐ PM ☐

Casing – Please report time casing run starts, not cementing times.

- ☐ Surface Casing
- ☐ Intermediate Casing
- ☐ Production Casing
- ☐ Liner
- ☐ Other

**RECEIVED**

**AUG 08 2011**

**DIV. OF OIL, GAS & MINING**

Date/Time \_\_\_\_\_ AM ☐ PM ☐

BOPE

- ☒ Initial BOPE test at surface casing point
- ☐ BOPE test at intermediate casing point
- ☐ 30 day BOPE test
- ☐ Other

Date/Time 08/08/2011 21:00 HRS AM ☐ PM ☒

Remarks SENT 8/7/11 @ 20:30 HRS

## BLM - Vernal Field Office - Notification Form

Operator EOG RESOURCES Rig Name/# TRUE 34  
Submitted By KIT HATFIELD Phone Number 877-352-0710  
Well Name/Number CWU 1433-22D  
Qtr/Qtr NE/NW Section 22 Township 9S Range 22E  
Lease Serial Number UTU-0283A  
API Number 43-047-50319

Spud Notice – Spud is the initial spudding of the well, not drilling out below a casing string.

Date/Time \_\_\_\_\_ AM ☐ PM ☐

Casing – Please report time casing run starts, not cementing times.

- ☐ Surface Casing  
☐ Intermediate Casing  
☒ Production Casing  
☐ Liner  
☐ Other

RECEIVED

AUG 17 2011

DIV. OF OIL, GAS & MINING

Date/Time 08/18/2011 22:00 AM ☐ PM ☒

BOPE

- ☐ Initial BOPE test at surface casing point  
☐ BOPE test at intermediate casing point  
☐ 30 day BOPE test  
☐ Other

Date/Time 08/08/2011 \_\_\_\_\_ AM ☐ PM ☐

Remarks SENT 8/17/11 @ 12:30 HRS



<b>STATE OF UTAH</b> DEPARTMENT OF NATURAL RESOURCES DIVISION OF OIL, GAS, AND MINING		<b>FORM 9</b>
<b>SUNDRY NOTICES AND REPORTS ON WELLS</b>  Do not use this form for proposals to drill new wells, significantly deepen existing wells below current bottom-hole depth, reenter plugged wells, or to drill horizontal laterals. Use APPLICATION FOR PERMIT TO DRILL form for such proposals.		<b>5. LEASE DESIGNATION AND SERIAL NUMBER:</b> UTU0283A
<b>1. TYPE OF WELL</b> Gas Well		<b>6. IF INDIAN, ALLOTTEE OR TRIBE NAME:</b>
<b>2. NAME OF OPERATOR:</b> EOG Resources, Inc.		<b>7. UNIT or CA AGREEMENT NAME:</b> CHAPITA WELLS
<b>3. ADDRESS OF OPERATOR:</b> 1060 East Highway 40 , Vernal, UT, 84078		<b>8. WELL NAME and NUMBER:</b> CWU 1433-22D
<b>4. LOCATION OF WELL</b> <b>FOOTAGES AT SURFACE:</b> 0366 FNL 2128 FWL <b>QTR/QTR, SECTION, TOWNSHIP, RANGE, MERIDIAN:</b> Qtr/Qtr: NENW Section: 22 Township: 09.0S Range: 22.0E Meridian: S		<b>9. API NUMBER:</b> 43047503190000
<b>9. FIELD and POOL or WILDCAT:</b> NATURAL BUTTES		<b>COUNTY:</b> UINTAH
<b>STATE:</b> UTAH		

11. CHECK APPROPRIATE BOXES TO INDICATE NATURE OF NOTICE, REPORT, OR OTHER DATA

TYPE OF SUBMISSION	TYPE OF ACTION		
<input type="checkbox"/> <b>NOTICE OF INTENT</b> Approximate date work will start:	<input type="checkbox"/> ACIDIZE <input type="checkbox"/> CHANGE TO PREVIOUS PLANS <input type="checkbox"/> CHANGE WELL STATUS <input type="checkbox"/> DEEPEN <input type="checkbox"/> OPERATOR CHANGE <input type="checkbox"/> PRODUCTION START OR RESUME <input type="checkbox"/> REPERFORATE CURRENT FORMATION <input type="checkbox"/> TUBING REPAIR <input type="checkbox"/> WATER SHUTOFF <input type="checkbox"/> WILDCAT WELL DETERMINATION	<input type="checkbox"/> ALTER CASING <input type="checkbox"/> CHANGE TUBING <input type="checkbox"/> COMMINGLE PRODUCING FORMATIONS <input type="checkbox"/> FRACTURE TREAT <input type="checkbox"/> PLUG AND ABANDON <input type="checkbox"/> RECLAMATION OF WELL SITE <input type="checkbox"/> SIDETRACK TO REPAIR WELL <input type="checkbox"/> VENT OR FLARE <input type="checkbox"/> SI TA STATUS EXTENSION <input type="checkbox"/> OTHER	<input type="checkbox"/> CASING REPAIR <input type="checkbox"/> CHANGE WELL NAME <input type="checkbox"/> CONVERT WELL TYPE <input type="checkbox"/> NEW CONSTRUCTION <input type="checkbox"/> PLUG BACK <input type="checkbox"/> RECOMPLETE DIFFERENT FORMATION <input type="checkbox"/> TEMPORARY ABANDON <input type="checkbox"/> WATER DISPOSAL <input type="checkbox"/> APD EXTENSION OTHER: <input style="width: 100px;" type="text"/>
<input type="checkbox"/> <b>SUBSEQUENT REPORT</b> Date of Work Completion:			
<input type="checkbox"/> <b>SPUD REPORT</b> Date of Spud:			
<input checked="" type="checkbox"/> <b>DRILLING REPORT</b> Report Date: 9/1/2011			

12. DESCRIBE PROPOSED OR COMPLETED OPERATIONS. Clearly show all pertinent details including dates, depths, volumes, etc.  
  
 Waiting on Completion Operations. Please see the attached well chronology report for the referenced well showing all activity up to 9/1/11.

**Accepted by the**  
**Utah Division of**  
**Oil, Gas and Mining**  
**FOR RECORD ONLY**

<b>NAME (PLEASE PRINT)</b> Michelle Robles	<b>PHONE NUMBER</b> 307 276-4842	<b>TITLE</b> Regulatory Assistant
<b>SIGNATURE</b> N/A	<b>DATE</b> 9/1/2011	

## WELL CHRONOLOGY REPORT

Report Generated On: 09-01-2011

<b>Well Name</b>	CWU 1433-22D	<b>Well Type</b>	DEVG	<b>Division</b>	DENVER
<b>Field</b>	CHAPITA DEEP	<b>API #</b>	43-047-50319	<b>Well Class</b>	DRIL
<b>County, State</b>	UINTAH, UT	<b>Spud Date</b>	08-09-2011	<b>Class Date</b>	
<b>Tax Credit</b>	N	<b>TVD / MD</b>	9,670/ 9,736	<b>Property #</b>	064672
<b>Water Depth</b>	0	<b>Last CSG</b>	4.5	<b>Shoe TVD / MD</b>	9,656/ 9,728
<b>KB / GL Elev</b>	4,919/ 4,900				
<b>Location</b>	Section 22, T9S, R22E, NENW, 366 FNL & 2128 FWL				

<b>Event No</b>	1.0	<b>Description</b>	DRILL & COMPLETE		
<b>Operator</b>	EOG RESOURCES, INC	<b>WI %</b>	100.0	<b>NRI %</b>	82.139

<b>AFE No</b>	306868	<b>AFE Total</b>	1,916,700	<b>DHC / CWC</b>	824,000/ 1,092,700
---------------	--------	------------------	-----------	------------------	--------------------

<b>Rig Contr</b>	TRUE	<b>Rig Name</b>	TRUE #34	<b>Start Date</b>	03-31-2009	<b>Release Date</b>	08-19-2011
------------------	------	-----------------	----------	-------------------	------------	---------------------	------------

<b>03-31-2009</b>	<b>Reported By</b>	SHEILA MALLOY
-------------------	--------------------	---------------

<b>DailyCosts: Drilling</b>	\$0	<b>Completion</b>	\$0	<b>Daily Total</b>	\$0
-----------------------------	-----	-------------------	-----	--------------------	-----

<b>Cum Costs: Drilling</b>	\$0	<b>Completion</b>	\$0	<b>Well Total</b>	\$0
----------------------------	-----	-------------------	-----	-------------------	-----

<b>MD</b>	9,670	<b>TVD</b>	9,736	<b>Progress</b>	0	<b>Days</b>	0	<b>MW</b>	0.0	<b>Visc</b>	0.0
-----------	-------	------------	-------	-----------------	---	-------------	---	-----------	-----	-------------	-----

<b>Formation :</b>	<b>PBTD : 0.0</b>	<b>Perf :</b>	<b>PKR Depth : 0.0</b>
--------------------	-------------------	---------------	------------------------

**Activity at Report Time:** LOCATION DATA

Start	End	Hrs	From	To	Activity Description
-------	-----	-----	------	----	----------------------

06:00	06:00	24.0	0	0	LOCATION DATA
-------	-------	------	---	---	---------------

366' FNL & 2128' FWL (NE/NW)

SECTION 22, T9S, R22E

UINTAH COUNTY, UTAH

LAT 40 DEG 01' 39.82", LONG 109 DEG 25' 40.48" (NAD 83)

LAT 40 DEG 01' 39.95", LONG 109 DEG 25' 38.02" (NAD 27)

TRUE #34

OBJECTIVE: 9670' TVD/ 9736' MD, MESAVERDE

DW/GAS

CHAPITA WELLS DEEP PROSPECT

DD&A: CHAPITA DEEP

NATURAL BUTTES FIELD

LEASE: U-0283-A

ELEVATION: 4900.5' NAT GL, 4900.1' PREP GL (DUE TO ROUNDING PREP GL WILL BE 4900'),  
4919' KB (19')

NOTE: MULTI-PAD LOCATION - CWU 1425-22D, CWU 1427-22D, CWU 1432-22D, CWU 1433-22D,  
CWU 1434-22D

**RECEIVED** Sep. 01, 2011

EOG WI 100%, NRI 82.139316%

04-14-2011		Reported By		TERRY CSERE							
DailyCosts: Drilling		\$21,000		Completion		\$0		Daily Total		\$21,000	
Cum Costs: Drilling		\$21,000		Completion		\$0		Well Total		\$21,000	
MD	0	TVD	0	Progress	0	Days	0	MW	0.0	Visc	0.0
Formation :		PBTD : 0.0				Perf :		PKR Depth : 0.0			
Activity at Report Time: LOCATION BUILD											
Start	End	Hrs	From	To	Activity Description						
06:00	06:00	24.0	0	0	LOCATION BUILD WILL START TODAY. MULTI-PAD LOCATION – CWU 1425D, CWU 1427-22D, CWU 1432-22D, CWU 1433-22D, CWU 1434-22D						

04-19-2011		Reported By		GERALD ASHCRAFT							
DailyCosts: Drilling		\$5,591		Completion		\$0		Daily Total		\$5,591	
Cum Costs: Drilling		\$26,591		Completion		\$0		Well Total		\$26,591	
MD	60	TVD	60	Progress	0	Days	0	MW	0.0	Visc	0.0
Formation :		PBTD : 0.0				Perf :		PKR Depth : 0.0			
Activity at Report Time: SPUD NOTIFICATION											
Start	End	Hrs	From	To	Activity Description						
06:00	06:00	24.0	0	60	CRAIG’S BUCKET RIG SPUD A 20" HOLE ON 4/18/11 @ 8:00 PM, SET 60’ OF 14” CONDUCTOR. CEMENT TO SURFACE WITH READY MIX. BLM WAS NOTIFIED BY EMAIL OF SPUD ON 4/15/11 @ 11:21 AM.						

04-26-2011		Reported By		KERRY SALES							
DailyCosts: Drilling		\$24,713		Completion		\$0		Daily Total		\$24,713	
Cum Costs: Drilling		\$51,304		Completion		\$0		Well Total		\$51,304	
MD	900	TVD	898	Progress	600	Days	0	MW	0.0	Visc	0.0
Formation :		PBTD : 0.0				Perf :		PKR Depth : 0.0			
Activity at Report Time: DRILLING AT 900’											
Start	End	Hrs	From	To	Activity Description						
06:00	15:30	9.5	0	0	MIRU. LEVEL GROUND. SPOT RIG, MUD PITS AND PIPE TRAILER. THE WELL WAS HAMMER DRILLED 12.25" TO 300’ PRIOR TO RIG UP.						
15:30	21:00	5.5	0	0	RIG ON DAY WORK AT 15:30 HOURS ON 4/25/2011. PICK UP BHA. ORIENT MWD, TIH SCRIBING PIPE TO 300’, INSTALL DUST BOWL RUBBER. BREAK CIRCULATION AND FILL HOLE. CHECK FLOW AND MUD LINES. WORK ON MWD GROUND LINE CONNECTION. SURFACE DIRECTION CHECKED WITH 2 HAND HELD GPS.						
BIT TO BEND 6.68’, BIT TO MWD 56’, RPG .16, MOTOR BEND 1.75 DEGREES. ALL SURVEY DEPTHS 19’ RKB.											
21:00	22:30	1.5	0	0	ROTATE AND SLIDE DRILL FROM 300’ TO 400’. 100’ ROP 66’, WOB 5-8, GPM 501, SPP 450, ROTARY 45, MOTOR 80. ( DRILL 5’ OF PILOT HOLE ).						
22:30	23:00	0.5	0	0	RIG REPAIR. REPAIR DRIVE PULLY ON MUD PUMP LINER WASHERS.						
23:00	06:00	7.0	0	0	ROTATE AND SLIDE DRILL FROM 400’ TO 900’. 500’. ROP 71.4, WOB 10, SLIDE WOB 13-14, ROTARY 40, MOTOR 80, SPP 650, DIFF PSI 550, GPM 501. TFO HS 0-20 LEFT, 1’ RIGHT AND 8’ BELOW THE LINE.						
FULL CREWS, NO ACCIDENTS OR INCENDENTS REPORTED.											
SAFETY MEETINGS: BODY PLACEMENT AND SETTING DIVERTER.											

FUEL 225 GALLONS.

RAIN FOR RENT FUEL 20 GALLONS.

FULL RETURNS.

04-27-2011		Reported By		KERRY SALES							
DailyCosts: Drilling		\$28,560		Completion		\$0		Daily Total		\$28,560	
Cum Costs: Drilling		\$79,865		Completion		\$0		Well Total		\$79,865	
MD	1,991	TVD	1,959	Progress	1,091	Days	0	MW	0.0	Visc	0.0
Formation :			PBTD : 0.0			Perf :		PKR Depth : 0.0			

Activity at Report Time: DRILLING AT 1991'

Start	End	Hrs	From	To	Activity Description
06:00	15:00	9.0	0	0	ROTATE AND SLIDE DRILL FROM GL 900' TO 1450'. 550'. ROP 61.1', WOB 12-14, SLIDE WOB 18, GPM 501, SPP 1050, DIFF PSI 150, ROTARY 45-50, MOTOR 80, 58% SLIDE AND 42% ROTATE, .5' LEFT AND 2' BELOW THE LINE. TFO HS 20*.
15:00	15:30	0.5	0	0	CIRCULATE HOLE FOR PARTIAL MUD TANK CLEAN OUT.
15:30	18:00	2.5	0	0	CLEAN MUD TANKS. SERVICE RIG.
18:00	18:30	0.5	0	0	FILL MUD TANKS WITH WATER FROM RAIN FOR RENT TANKS.
18:30	06:00	11.5	0	0	ROTATE AND SLIDE DRILL FROM GL 1450' TO 1991'. 541'. ROP 47', WOB 15, SLIDE WOB 20, ROTARY 45, MOTOR 80, SPP 1100, DIFF PSI 100. 5' RIGHT AND 3' ABOVE THE LINE, 53% ROTATE AND 47% SLIDE, TFO HS 60*-80*- LEFT.

FULL CREWS, NO ACCIDENTS OR INCIDENTS REPORTED.

SAFETY MEETINGS: UNLOADING CASING, HOUSE KEEPING.

FUEL USED 594 GALLONS.

10% RETURNS. LOST CIRCULATION AT 1861'.

BIRDS NEST FORMATION.

04-28-2011		Reported By		KERRY SALES							
DailyCosts: Drilling		\$65,436		Completion		\$0		Daily Total		\$65,436	
Cum Costs: Drilling		\$145,301		Completion		\$0		Well Total		\$145,301	
MD	2,398	TVD	2,351	Progress	388	Days	0	MW	0.0	Visc	0.0
Formation :			PBTD : 0.0			Perf :			PKR Depth : 0.0		

Activity at Report Time: CIRCULATE HOLE FOR CASING

Start	End	Hrs	From	To	Activity Description
06:00	08:00	2.0	0	0	ROTATE DRILL FROM GL 1991' TO 2035'. 44'. ROP 22, WOB 14, ROTARY 45, GPM 501, SPP 1100, DIFF PSI 100. 5' RIGH AND 3' ABOVE THE LINE.
08:00	09:00	1.0	0	0	DIRECTIONAL RELATED PROBLEMS. COMMUNICATION PROBLEMS WITH MWD. GROUND WIRE REPAIR. CIRCULATE AND PUMP DRILLING MUD AND WHITE RIVER POND WATER. DRAIN UP TRUE 34'S AND CRAIGS RIG 5 RESERVE PITS TODAY.
09:00	18:00	9.0	0	0	ROTATE AND SLIDE DRILL FORM GL 2035' TO 2350''. 315'. ROP 35, WOB 12, SLIDE WOB 15, ROTARY 45, MOTOR 80, GPM 501, SPP 1150, DIFF PSI 150. TFO HS 80* LEFT, 29' RIGHT AND 10' ABOVE THE LINE. 56% ROTATE AND 44% SLIDE. RETURNS ZERO.
18:00	19:30	1.5	0	0	ROTATE DRILL FROM GL 2350' TO 2379'. 29'. MD GL TD 2379', MD RKB 19' TD 2398. TVD GL 2332', TVD 19' RKB 2351'. AT TD 30' RIGHT AND 8' ABOVE THE LINE. RETURNS ZERO. DAILY RECORDED DEPTH 19' RKB FOR TRUE 34'.
19:30	20:30	1.0	0	0	CIRCULATE HOLE FOR TRIP, BHA #1.
20:30	00:30	4.0	0	0	TRIP OUT OF HOLE. LAY DOWN DIRECTIONAL TOOLS. USED PUMP FIRST 3 JOINTS OFF BOTTOM 15K TO 25K OVER PULL THEN OK.

00:30	01:30	1.0	0	0 SET OUT BHA #1 AND SET UP BHA #2. CLEAN UP WORK AREA.
01:30	04:30	3.0	0	0 TRIP IN HOLE BHA #2 WIPER TRIP WITH TRI-CONE BIT AND 3 PT REAMER. LITE REAMING THROUGH TIGHT SPOTS AT 600', 630', 760', 1270' AND 1450'. 1' TO 3' EACH SPOT.
04:30	06:00	1.5	0	0 CIRCULATE HOLE FOR CASING. NO RETURNS.

FULL CREWS. NO ACCIDENTS OR INCENDENTS REPORTED.

SAFETY MEETINGS: PPE, USE OF RIG TONG.

DIESEL USED 773.5.

FUEL FOR RAIN F RENT PUMP 20 GALLONS.

NO CIRCULATION.

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**04-29-2011**      **Reported By**      KERRY SALES

<b>DailyCosts: Drilling</b>	\$107,335	<b>Completion</b>	\$0	<b>Daily Total</b>	\$107,335
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<b>Cum Costs: Drilling</b>	\$252,636	<b>Completion</b>	\$0	<b>Well Total</b>	\$252,636
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<b>MD</b>	2,398	<b>TVD</b>	2,351	<b>Progress</b>	0	<b>Days</b>	0	<b>MW</b>	0.0	<b>Visc</b>	0.0
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<b>Formation :</b>	<b>PBTD : 0.0</b>	<b>Perf :</b>	<b>PKR Depth : 0.0</b>
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**Activity at Report Time:** WO WELLHEAD

Start	End	Hrs	From	To	Activity Description
06:00	06:30	0.5	0	0	SPOT 100 BBL'S OF DRLG MUD ON BOTTOM.
06:30	10:00	3.5	0	0	TRIP OUT OF HOLE BHA #2 WIPER TRIP.
10:00	11:00	1.0	0	0	RIG DOWN FLOW LINE AND DUST BOWL, MOVE PIPE TRAILER. SET UP TO RUN SURFACE CASING.
11:00	14:30	3.5	0	0	RUN 56 JTS OF 9/5/8", K-55, 36#, STC SURFACE PIPE. RUN 2368.17' MD GL, TVD GL 2321'. RAN 8 CENTRALIZERS FROM RKB 2357' TO 2067' AND TWO FROM 321' TO 363'. NO PROBLEMS RUNNING CASING UNTIL LAST JOINT, WASH DOWN THE LAST 25'. 19' RKB FOR TRUE 34 SHOE 2387.17' MD AND 2340' TVD.
14:30	15:00	0.5	0	0	WASH CASING DOWN 25' TO CASING DEPTH.
15:00	15:30	0.5	0	0	CIRCULATE CAPISITY OF CASING PLUS 250 BBL'S.
15:30	17:30	2.0	0	0	RIG RELEASED ON 4/28/2011 AT 17:30 HOURS. RDMO. LEVEL UP LOCATION FOR RIG MOVE.
17:30	06:00	12.5	0	0	MIRU HALLIBURTON CEMENTERS. HELD SAFETY MEETING. PRESSURE TESTED LINES AND CEMENT VALVE TO 3000 PSIG. PUMPED 20 BBL'S OF FRESH AND 20 BBLS GELLED WATER FLUSH AHEAD OF CEMENT.

TAIL: MIXED AND PUMPED 400 SACKS (84 BBL'S) OF PREMIUM CEMENT W/ 2% CACL MIXED CEMENT @ 15.6 PPG W/ YIELD OF 1.18 CF/SX.

DISPLACED CEMENT W/179.8 BBL'S FRESH WATER. FCP 222, BUMPED PLUG W/800 PSI @ 07:22 PM 4/28/2011 FLOATS HELD. NO RETURNS THROUGH OUT WOC 2 HOURS.

TOP JOB # 1: DOWN 6' OF 1' PIPE, MIXED &amp; PUMPED 50 SX (10.2 BBL'S) OF PREMIUM CEMENT W/2% CACL2. MIXED CEMENT @ 15.8 PPG W/YIELD OF 1.15 CF/SX. NO RETURNS DURING ANY PART OF THE OPERATION. WAIT ON CEMENT 2.5 HOURS.

TOP JOB # 2: MIXED &amp; PUMPED 50 SX (10.2 BBL'S) OF PREMIUM CEMENT W/2% CACL2. MIXED CEMENT @ 15.8 PPG W/YIELD OF 1.15 CF/SX. NO RETURNS. WOC 3 HOURS .

TOP JOB # 3: MIXED & PUMPED 100 SX (20.4 BBL'S) OF PREMIUM CEMENT W/2% CACL2. MIXED CEMENT @ 15.8 PPG W/YIELD OF 1.15 CF/SX. WOC 2 HOURS.

TOP JOB # 4: MIXED & PUMPED 50 SX (10.2 BBL'S) OF PREMIUM CEMENT W/2% CACL2. MIXED CEMENT @ 15.8 PPG W/YIELD OF 1.15 CF/SX. CEMENT TO SURFACE BUT FELL BACK. WOC 3 HOURS.

TOP JOB # 5: MIXED & PUMPED 50 SX (10.2 BBL'S) OF PREMIUM CEMENT W/2% CACL2. MIXED CEMENT @ 15.8 PPG W/YIELD OF 1.15 CF/SX. WOC 2.5 HOURS

TOP JOB # 6: MIXED & PUMPED 50 SX (10.2 BBL'S) OF PREMIUM CEMENT W/2% CACL2. MIXED CEMENT @ 15.8 PPG W/YIELD OF 1.15 CF/SX. WELL FULL AND STATIC AT SURFACE. OBSERVE WELL FOR 1.5 HOURS WHILE RIGGING DOWN. RELEASE HALLIBURTON.  
350 SACKS TO TOP OUT THIS WELL.

PREPARED THE LOCATION FOR ROTARY RIG. WORT. WILL DROP FROM REPORT UNTIL FURTHER ACTIVITY.

KERRY SALES NOTIFIED THE BLM VIA E-MAIL OF THE SURFACE CASING & CEMENT JOB ON 04/28/2011 @ 07:00 AM. KERRY SALES NOTIFIED CAROL DANIELS WITH UDOGM OF THE SURFACE CASING AND CEMENT VIA PHONE ON 04/28/2011 AT 07:00 AM. BLM NOTIFIED ON 04/26/2011 @ 03:53 PM AND CAROL DANIELS UDOGM ON 4/26/2011 @ 04:25 PM.

FULL CREW, NO ACCIDENTS OR INCENDENTS REPORTED.

FUEL USED 119 GALLONS.

SAFETY MEETING: RUNNING CASING.

TRANSFERED 6 JOINTS OF 9 5/8, K-55, 36#, STC. TOTAL 240.63'.

08-09-2011		Reported By		PAT CLARK							
DailyCosts: Drilling		\$66,312		Completion		\$0		Daily Total		\$66,312	
Cum Costs: Drilling		\$318,948		Completion		\$0		Well Total		\$318,948	
MD	2,398	TVD	2,351	Progress	0	Days	0	MW	0.0	Visc	0.0
Formation :			PBTD : 0.0			Perf :			PKR Depth : 0.0		
Activity at Report Time: TEST BOPE											
Start	End	Hrs	From	To	Activity Description						
18:00	21:00	3.0	0	0	RDRT. SKID RIG 10' TO NEW WELL. RURT. CUT AND SLIP 125' DRILL LINE. TRANSFER 4 JTS 4 1/2", N-80, 11.6#, LTC CSG (169.42' TOL) FROM CWU 1434-22D. TRANSFER 2 4 1/2", P-110, 11.6#, LTC MJ (19.28' TOL) FROM CWU 1434-22D. TRANSFER 6669 GALS DIESEL FUEL @ \$3.70/GAL FROM CWU 1434-22D.						
21:00	22:00	1.0	0	0	NUBOP. RIG ON DAYWORK @ 21:00 HRS, 8/8/11.						
22:00	06:00	8.0	0	0	TEST STACK. VISUALLY INSPECTED ANNULAR PREVENTER. RIG UP B&C QUICK TEST AND TEST PIPE RAMS, HCR (LEAKED), UPPER & LOWER KELLY & INSIDE BOP 5000 PSI - 10 MINUTES. PERFORM ACCUMULATOR FUNCTION TEST. WAIT ON NEW HCR TO CONTINUE TEST.						
VERNAL BLM NOTIFIED 8/7/11 @ 20:30.											



FULL CREWS, NO ACCIDENTS.

SAFETY MEETINGS – RURT, TEST BOP.

FUEL – 6498, USED – 171.

08-10-2011		Reported By		KIT HATFIELD							
DailyCosts: Drilling		\$40,865		Completion		\$0		Daily Total		\$40,865	
Cum Costs: Drilling		\$359,813		Completion		\$0		Well Total		\$359,813	
MD	2,960	TVD	2,900	Progress	562	Days	1	MW	9.6	Visc	35.0
Formation :		PBTD : 0.0				Perf :		PKR Depth : 0.0			
Activity at Report Time: DRILLING @ 2900'											
Start	End	Hrs	From	To	Activity Description						
06:00	10:00	4.0	0	0	RIG REPAIR: WAIT ON HCR VALVE.						
10:00	11:30	1.5	0	0	RIG REPAIR: INSTALL HCR VALVE AND CHOKE HOSE.						
11:30	14:30	3.0	0	0	TEST STACK. VISUALLY INSPECTED ANNULAR PREVENTER. RIG UP B&C QUICK TEST AND TEST PIPE RAMS, BLIND RAMS, HCR, CHOKE LINES, MANIFOLD, KILL LINE VALVES, UPPER & LOWER KELLY & INSIDE BOP 5000 PSI HIGH – 10 MINUTES / 250 PSI LOW – 5 MIN. TEST ANNULAR PREVENTER 250/2500 PSI FOR 10 MINUTES. PERFORM ACCUMULATOR FUNCTION TEST.						
					TEST CASING TO 1500 PSI / 30 MIN. OK.						
14:30	15:00	0.5	0	0	INSTALL WEAR RING.						
15:00	18:00	3.0	0	0	MAKE UP BIT & BHA. ORIENT DIRECTIONAL TOOLS. TRIP IN AND TAG UP ON CEMENT @ 2295'.						
18:00	19:00	1.0	0	0	CUT DRILLING LINE.						
19:00	21:00	2.0	0	0	PICK UP KELLY AND WASH DOWN SINGLES. DRILL OUT PLUG AND FLOAT COLLAR AT 2345'. DRILL CEMENT AND SHOE @ 2387', RATHOLE DOWN TO 2398'.						
21:00	21:30	0.5	0	0	PERFORM FIT TEST TO 10.8 PPG EMW .						
21:30	00:30	3.0	2398	2634	DRILLING W/ STEERABLE ASSY: 2398-2634' (236') AVG 79 FPH.						
					15-18K WOB, RPM TABLE= 50/70 MOTOR. PRESSURE = 1400 PSI / DIFF =150-200 PSI. 460 GPM.						
					HOLDING 13 DEG INC, AT 320 AZM DOWN TO 2800', THEN BEGIN DROP BACK TO VERTICAL BY 4200' @ 1 DEG/100'.						
					INST. P-RATE ROTATING = 100-200 , SLIDING 60-80 FPH.						
00:30	01:30	1.0	2634	2634	TOOK GAS KICK AT 2634'. (MW = 9.6 PPG) SHUT WELL IN AND CIRCULATE OUT THRU CHOKE/BUSTER. HAD STRONG 30-40' FLARE WHILE CIRCULATING OUT BUBBLE. AFTER BUBBLE CIRCUCATED OUT, FLOW CHECK AND PUT FLOW BACK DOWN FLOWLINE. DID NOT RAISE MUD WEIGHT.						
01:30	06:00	4.5	2634	2960	DRILLING: 2634-2960' (326') AVG 72 FPH. PARAMETERS AS ABOVE.						
					FULL CREWS / NO ACCIDENTS. SAFETY MEETINGS: CUTTING DRLG LINE. FAST HOLE. SURFACE KICKS. FUEL = 5814 GAL / USED 684.						
					ROTATED 421' (75%) AVG 152 FPH, SLID 140' (25%) AVG 76 FPH.						
06:00			0	0	SPUD 7 7/8" HOLE AT 21:30 HRS, 8/9/11.						

08-11-2011		Reported By		KIT HATFIELD							
DailyCosts: Drilling		\$33,882		Completion		\$0		Daily Total		\$33,882	
Cum Costs: Drilling		\$393,696		Completion		\$0		Well Total		\$393,696	
MD	4,850	TVD	4,778	Progress	1,890	Days	2	MW	9.8	Visc	34.0
Formation :			PBTD : 0.0			Perf :			PKR Depth : 0.0		
Activity at Report Time: DRILLING @ 4850'											

Start	End	Hrs	From	To	Activity Description
06:00	14:30	8.5	2960	3670	DRILLING W/ STEERABLE ASSY: 2960-3670' (710') AVG 84 FPH. 18-20K WOB, RPM TABLE= 55/70 MOTOR. PRESSURE = 1700 PSI / DIFF =200-300 PSI. 460 GPM.
14:30	15:00	0.5	3670	3670	RIG SERVICE.
15:00	06:00	15.0	3670	4850	DRILLING: 3670-4850' (1180') AVG 79 FPH. MW=9.8 PPG. PARAMETERS AS ABOVE.
FULL CREWS / NO ACCIDENTS. SAFETY MEETINGS: BOP DRILLS. MIXING CHEMICALS. FUEL = 4560 / USED 1254 GAL. SLIDE 16% (300') AVG 60-80 FPH, ROTATE 84% (1590') INST. P-RATES 100-200 FPH. BACK TO VERTICAL AT ABOUT 4150' MD 591-N/224-S.					

08-12-2011		Reported By		KIT HATFIELD							
DailyCosts: Drilling		\$32,593		Completion		\$0		Daily Total		\$32,593	
Cum Costs: Drilling		\$426,289		Completion		\$0		Well Total		\$426,289	
MD	5,800	TVD	5,728	Progress	950	Days	3	MW	10.1	Visc	34.0
Formation :			PBTD : 0.0			Perf :			PKR Depth : 0.0		
Activity at Report Time: DRILLING @ 5800'											

Start	End	Hrs	From	To	Activity Description
06:00	16:30	10.5	4850	5294	DRILLING W/ STEERABLE ASSY: 4850-5294' (444') AVG 42 FPH. 18-21K WOB, RPM TABLE= 55/70 MOTOR. PRESSURE = 1900 PSI / DIFF =150-250 PSI. 460 GPM. PROGRAM TOP WASATCH @ 4884' MD.
16:30	17:00	0.5	5294	5294	RIG SERVICE.
17:00	06:00	13.0	5294	5800	DRILLING: 5294-5800' (506') AVG 39 FPH. PARAMETERS AS ABOVE. PROGRAM TOP CHAPITA WELLS @ 5486' MD.
FULL CREWS / NO ACCIDENTS. SAFETY MEETINGS: FORKLIFT SAFETY. CLEANING UNDER SUB. FUEL: 3021 / USED 1539 GAL. PAST 24 HRS SLID 74' (8%) AVG ROP 30-40 FPH (WASATCH) ROTATE 876' (92%) AVG 20-40 FPH (BELOW WASATCH).					

08-13-2011		Reported By		KIT HATFIELD							
DailyCosts: Drilling		\$69,416		Completion		\$0		Daily Total		\$69,416	
Cum Costs: Drilling		\$495,706		Completion		\$0		Well Total		\$495,706	
MD	6,530	TVD	6,458	Progress	730	Days	4	MW	10.2	Visc	37.0
Formation :			PBTD : 0.0			Perf :			PKR Depth : 0.0		
Activity at Report Time: DRILLING @ 6530'											

Start	End	Hrs	From	To	Activity Description
06:00	11:00	5.0	5800	5800	LOST 600 PSI PUMP PRESSURE AND FULL RETURNS 3 FT. BEFORE CONNECTION @ 5820'. PICK UP, HOLE TITE, CAN'T ROTATE. WORK PIPE UP TO 300K (ST WT 140K) WORK OUT 2 SINGLES AND HOLE FREED UP. PUMPING LCM ATTEMPTING TO ESTABLISH RETURNS W/O SUCCESS. PULL 12 STANDS TO ABOVE WASATCH AND BUILD VOLUME. BEGIN PUMPING AND ESTABLISH PARTIAL RETURNS. HAVE FULL RETURNS AND VOLUME BUILT AFTER 2 HOURS. TRIP BACK IN TO BOTTOM. WASH LAST 2 SINGLES DOWN WITH NO PROBLEM AND FULL RETURNS. LOST ABOUT 600 BBLS TOTAL FLUID.
11:00	17:00	6.0	5800	6011	DRILLING W/ STEERABLE ASSY: 5800-6011' (211') AVG 35 FPH. 18-21K WOB, RPM TABLE= 55/65 MOTOR. PRESSURE = 2100 PSI / DIFF =150-250 PSI. 435 GPM.
17:00	17:30	0.5	6011	6011	RIG SERVICE.

17:30 06:00 12.5 6011 6530 DRILLING: 6011-6530' (519') AVG 42 FPH. PARAMETERS AS ABOVE.  
PROGRAM TOP BUCK CANYON @ 6185' MD.

FULL CREWS / NO ACCIDENTS. SAFETY MEETINGS: MIS MATCHED HAMMER UNIONS.  
FUEL = 9690 / USED 1331 GAL.  
PAST 24 HRS, MADE 1 20' SLIDE(3%) / ROTATE 97%.

08-14-2011		Reported By		KIT HATFIELD							
DailyCosts: Drilling		\$35,645		Completion		\$6,504		Daily Total		\$42,149	
Cum Costs: Drilling		\$531,352		Completion		\$6,504		Well Total		\$537,856	
MD	7,260	TVD	7,188	Progress	730	Days	5	MW	10.3	Visc	41.0
Formation :		PBTd : 0.0				Perf :		PKR Depth : 0.0			
Activity at Report Time: DRILLING @ 7260'											
Start	End	Hrs	From	To	Activity Description						
06:00	08:00	2.0	6530	6602	DRILLING W/ STEERABLE ASSY: 6530-6602' (72') AVG 36 FPH. 18-21K WOB, RPM TABLE= 55/65 MOTOR. PRESSURE = 2100 PSI / DIFF =150-250 PSI. 435 GPM.						
08:00	08:30	0.5	6602	6602	RIG SERVICE.						
08:30	06:00	21.5	6602	7260	DRILLING: 6602-7260' (658') AVG 31 FPH. PARAMATERS AS ABOVE. PROGRAM TOP NORTH HORN @ 6853' MD.						
FULL CREWS / NO ACCIDENTS. SAFETY MEETINGS: PROPER TOOL USEAGE. UNLOADING CASING.											
FUEL = 8151 / USED 1539 GAL.											
PAST 24 HRS: SLID 25' (3%) AVG 25 FPH, ROTATE 705' (97%) AVG 35 FPH. TARGET BOUNDARY ABOUT 65' AWAY AT CURRENT TRAJECTORY.											

08-15-2011		Reported By		KIT HATFIELD							
DailyCosts: Drilling		\$39,854		Completion		\$0		Daily Total		\$39,854	
Cum Costs: Drilling		\$566,265		Completion		\$6,504		Well Total		\$572,769	
MD	8,070	TVD	7,995	Progress	810	Days	6	MW	10.7	Visc	41.0
Formation :			PBTD : 0.0			Perf :			PKR Depth : 0.0		
Activity at Report Time: DRILLING @ 8070'											
Start	End	Hrs	From	To	Activity Description						
06:00	14:30	8.5	7260	7570	DRILLING W/ STEERABLE ASSY: 7260-7570' (310') AVG 36 FPH. 18-21K WOB, RPM TABLE= 55/65 MOTOR. PRESSURE = 2250 PSI / DIFF =150-250 PSI. 435 GPM. PROGRAM TOP PRICE RIVER @ 7392' MD.						
14:30	15:00	0.5	7570	7570	RIG SERVICE.						
15:00	06:00	15.0	7570	8070	DRILLING: 7570-8070' (500') AVG 33 FPH. PARAMETERS AS ABOVE.						
FULL CREWS / NO ACCIDENTS. SAFETY MEETINGS: TEAM WORK - USING MAN BASKET. FUEL = 6669 GAL / USED 1482 GAL. PAST 24 HRS, 100% ROTATE.											

<b>08-16-2011</b>		<b>Reported By</b>		KIT HATFIELD							
<b>DailyCosts: Drilling</b>		\$38,253		<b>Completion</b>		\$0		<b>Daily Total</b>		\$38,253	
<b>Cum Costs: Drilling</b>		\$599,466		<b>Completion</b>		\$6,504		<b>Well Total</b>		\$605,970	
<b>MD</b>	8,410	<b>TVD</b>	8,338	<b>Progress</b>	435	<b>Days</b>	7	<b>MW</b>	10.9	<b>Visc</b>	45.0

Formation : PBTB : 0.0 Perf : PKR Depth : 0.0

Activity at Report Time: DRILLING @ 8410'

Start	End	Hrs	From	To	Activity Description
06:00	08:30	2.5	8070	8165	DRILLING W/ STEERABLE ASSY: 8070-8165' (95') AVG 38 FPH. 18-21K WOB, RPM TABLE= 55/63 MOTOR. PRESSURE = 2250 PSI / DIFF =150-250 PSI. 420 GPM. NOT GETTING ANY SIGNAL FROM EMD. PREPARE TO TRIP.
08:30	09:00	0.5	8165	8165	CIRCULATE & BUILD SLUG. RIG SERVICE.
09:00	17:30	8.5	8165	8165	TRIP TO CHANGE OUT EMD TOOL. LAY DOWN STABILIZER (WORN FROM 7 1/16" TO 6 7/8"), LAY DOWN MOTOR (WEAR PAD WORN DOWN TO NOMINAL OD) PULL EMD TOOL AND FOUND LCM PACKED AROUND BOW SPRINGS AND IN MULE SHOE. TRIP IN ,WASH & REAM LAST 80' TO BTM. HAD 6' FILL. HOLE IN GOOD SHAPE IN AND OUT.
17:30	06:00	12.5	8165	8410	DRILLING: 8165-8410' (245') AVG 20 FPH. PARAMETERS AS ABOVE. PROGRAM TOP MIDDLE PRICE RIVER @ 8246' MD.  FULL CREWS / NO ACCIDENTS. SAFETY MEETINGS: TRIPPING. PPE WHEN MIXING CHEMICALS. FUEL = 5415 / USED 1254 GAL. PAST 24 HRS SLID 16' (4%) AVG 15-20 FPH. ROTATED 324' (96%) AVG 25 FPH.

08-17-2011 Reported By KIT HATFIELD

DailyCosts: Drilling		\$41,736		Completion		\$0		Daily Total		\$41,736	
Cum Costs: Drilling		\$637,885		Completion		\$6,504		Well Total		\$644,389	
MD	9,030	TVD	8,958	Progress	620	Days	8	MW	10.9	Visc	40.0

Formation : PBTB : 0.0 Perf : PKR Depth : 0.0

Activity at Report Time: DRILLING @ 9030'

Start	End	Hrs	From	To	Activity Description
06:00	14:00	8.0	8410	8563	DRILLING W/ STEERABLE ASSY: 8410-8563' (153') AVG 19 FPH. 18-21K WOB, RPM TABLE= 55/63 MOTOR. PRESSURE = 2350 PSI / DIFF =100-200 PSI. 420 GPM.
14:00	14:30	0.5	8563	8563	RIG SERVICE
14:30	06:00	15.5	8563	9030	DRILLING: 8563-9030' (467') AVG 30 FPH. PARAMETERS AS ABOVE. PROGRAM TOP LOWER PRICE RIVER @ 9025'.  FULL CREWS / NO ACCIDENTS. SAFETY MEETINGS: HEAT STROKE / LOOSE CLOTHING. FUEL = 3762 / USED 1653 GAL. PAST 24 HRS, 100% ROTATE.

08-18-2011 Reported By KIT HATFIELD

DailyCosts: Drilling		\$77,778		Completion		\$0		Daily Total		\$77,778	
Cum Costs: Drilling		\$715,664		Completion		\$6,504		Well Total		\$722,168	
MD	9,640	TVD	9,567	Progress	610	Days	9	MW	11.2	Visc	43.0

Formation : PBTB : 0.0 Perf : PKR Depth : 0.0

Activity at Report Time: DRILLING @ 9640'

Start	End	Hrs	From	To	Activity Description
06:00	11:00	5.0	9030	9157	DRILLING W/ STEERABLE ASSY: 9030-9157' (127') AVG 25 FPH. 18-21K WOB, RPM TABLE= 55/63 MOTOR. PRESSURE = 2350 PSI / DIFF =100-200 PSI. 420 GPM.
11:00	11:30	0.5	9157	9157	RIG SERVICE.
11:30	20:00	8.5	9157	9405	DRILLING: 9157-9405' (248') AVG 29 FPH. PARAMETERS AS ABOVE.

20:00 21:30 1.5 9405 9405 RIG REPAIR: HAD LEAK ON ROTARY AIR LINE . REPLACE LINE AND AIR RELEASE.  
 21:30 06:00 8.5 9405 9460 DRILLING: 9405-9640' (235') AVG 28 FPH. PARAMETERS AS ABOVE. PROGRAM TOP SEGO @ 9533' MD.

FULL CREWS / NO ACCIDENTS. SAFETY MEETINGS: WORKING W/ OVERHEAD SUSPENDED LOADS. FIRST DAY BACK. FUEL = 9744 / USED 2018 GAL.  
 PAST 24 HRS, ROTATE 100%.

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**08-19-2011**      **Reported By**      KIT HATFIELD

<b>DailyCosts: Drilling</b>	\$54,157	<b>Completion</b>	\$0	<b>Daily Total</b>	\$54,157
<b>Cum Costs: Drilling</b>	\$769,821	<b>Completion</b>	\$6,504	<b>Well Total</b>	\$776,325

**MD**      9,740      **TVD**      9,667      **Progress**      100      **Days**      10      **MW**      11.3      **Visc**      46.0

**Formation :**      **PBTD : 0.0**      **Perf :**      **PKR Depth : 0.0**

**Activity at Report Time:** RUNNING PRODUCTION CASING

Start	End	Hrs	From	To	Activity Description
06:00	08:00	2.0	9640	9686	DRILLING W/ STEERABLE ASSY: 9640-9686' (46') AVG 23 FPH. 18-21K WOB, RPM TABLE= 55/63 MOTOR. PRESSURE = 2450 PSI / DIFF =100-200 PSI. 420 GPM.
08:00	08:30	0.5	9686	9686	RIG SERVICE.
08:30	11:00	2.5	9686	9740	DRILLING: 9686-9740' (54') AVG 22 FPH. PARAMETERS AS ABOVE. TD REACHED @ 11:00 HRS, 8-18-11.
11:00	12:00	1.0	9740	9740	PUMP HI VIS SWEEP AND CIRCULATE OUT.
12:00	14:00	2.0	9740	9740	SHORT TRIP 29 STDS UP TO 7000'. HOLE OK.
14:00	15:00	1.0	0	0	CIRCULATE. HOLD JOB DISCUSSION/SAFETY MEETING. RIG UP W'FORD LAY DOWN MACHINE.
15:00	22:00	7.0	0	0	LAY DOWN DP, BHA (WILL INSPECT), AND DIRECTIONAL TOOLS.
22:00	22:30	0.5	0	0	PULL WEAR RING.
22:30	00:00	1.5	0	0	HOLD SAFETY MEETING. RIG UP W'FORD CASING CREW.
00:00	06:00	6.0	9740	9740	RUN 4 1/2" PRODUCTION CASING W/O PROBLEM. HAVE 10 JTS LEFT TO GO AT REPORT TIME.

FULL CREWS / NO ACCIDENTS. SAFETY MEETINGS: LAYING DOWN DP. RUNNING CASING.  
 FUEL: 8736 / USED 1008 GAL.

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**08-20-2011**      **Reported By**      KIT HATFIELD

<b>DailyCosts: Drilling</b>	(\$6,539)	<b>Completion</b>	\$164,759	<b>Daily Total</b>	\$158,219
<b>Cum Costs: Drilling</b>	\$763,282	<b>Completion</b>	\$171,263	<b>Well Total</b>	\$934,545

**MD**      9,740      **TVD**      9,667      **Progress**      0      **Days**      11      **MW**      0.0      **Visc**      0.0

**Formation :**      **PBTD : 0.0**      **Perf :**      **PKR Depth : 0.0**

**Activity at Report Time:** RDRT/WO COMPLETION

Start	End	Hrs	From	To	Activity Description
06:00	06:30	0.5	9740	9740	RUN 4 1/2" PRODUCTION CASING. RUN 229 JOINTS 4 1/2" 11.6# N-80 LT&C CASING TO 9729'. FLOAT SHOE @ 9729', FLOAT COLLAR @ 9681', MARKER JTS @ 7305' AND 4372'. LAND HANGER IN DTO HEAD W/ 75K.
06:30	07:30	1.0	0	0	CIRCULATE W/ CASING LANDED IN HANGER. RIG DOWN CASING CREW. HOLD SAFETY MEETING, RIG UP HALLIBURTON.

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07:30	10:00	2.5	0	0 FILL LINES AND TEST TO 5000 PSI. PUMP 20 BBLS MUD FLUSH, LEAD IN WITH 460SX(150 BBLS) Highbond Lead Cement @ 12.0 PPG. Tail in with 1390 SX (364 BBLS.) EXTENDACEM CEMENT @ 13.5 PPG. WASH UP AND DROP LATCH DOWN PLUG. DISPLACED WITH 151 BBLS FRESH WATER + .5 GAL/1000 GAL MYACIDE GA25 @ 8 BPM, MAX PRESSURE 2500 PSI. BUMP PLUG W/3500 PSI. FLOATS HELD. HAD FULL RETURNS THROUGH OUT JOB & GOOD LIFT PRESSURE. NO CEMENT TO SURFACE. CEMENT IN PLACE AT 10:00 HRS, 8/19/11
10:00	11:00	1.0	0	0 WOC. CLEAN MUD TANKS. RIG DOWN HALLIBURTON.
11:00	12:00	1.0	0	0 RIG DOWN HALLIBURTON CEMENT HEAD. BACK OUT LANDING JOINT. SET FMC PACKOFF AND TEST TO 5000 PSI. CONTINUE TO CLEAN PITS.
12:00	14:00	2.0	0	0 TRANSFER MUD TO STORAGE. CLEAN OUT PREMIX AND ACTIVE PITS WITH SUPER SUCKER. ND BOP.
14:00			0	0 FULL CREWS / NO ACCIDENTS. SAFETY MEETINGS: CEMENTING. RIGGING DOWN MOVING RIG. INSPECTED BHA . HAD 4 HWDP AND 2 DC W/ DAMAGED THDS. TRANSFER 4 JOINTS CASING: 4 1/2" 11.6# N-80 (40.13, 39.38, 46.77, 42.40') 1 MARKER JOINT: 4 1/2" 11.6# p-110 (10.10') 8664 GAL FUEL @ \$3.67 / GAL
			0	0 RIG RELEASED @ 14:00 HRS, 8/19/11. CASING POINT COST \$763,283

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<b>STATE OF UTAH</b> DEPARTMENT OF NATURAL RESOURCES DIVISION OF OIL, GAS, AND MINING		<b>FORM 9</b>
<b>SUNDRY NOTICES AND REPORTS ON WELLS</b>  Do not use this form for proposals to drill new wells, significantly deepen existing wells below current bottom-hole depth, reenter plugged wells, or to drill horizontal laterals. Use APPLICATION FOR PERMIT TO DRILL form for such proposals.		<b>5. LEASE DESIGNATION AND SERIAL NUMBER:</b> UTU0283A
<b>1. TYPE OF WELL</b> Gas Well		<b>6. IF INDIAN, ALLOTTEE OR TRIBE NAME:</b>
<b>2. NAME OF OPERATOR:</b> EOG Resources, Inc.		<b>7. UNIT or CA AGREEMENT NAME:</b> CHAPITA WELLS
<b>3. ADDRESS OF OPERATOR:</b> 1060 East Highway 40 , Vernal, UT, 84078		<b>8. WELL NAME and NUMBER:</b> CWU 1433-22D
<b>4. LOCATION OF WELL</b> <b>FOOTAGES AT SURFACE:</b> 0366 FNL 2128 FWL <b>QTR/QTR, SECTION, TOWNSHIP, RANGE, MERIDIAN:</b> Qtr/Qtr: NENW Section: 22 Township: 09.0S Range: 22.0E Meridian: S		<b>9. API NUMBER:</b> 43047503190000
<b>PHONE NUMBER:</b> 435 781-9111 Ext		<b>9. FIELD and POOL or WILDCAT:</b> NATURAL BUTTES
<b>COUNTY:</b> UINTAH		<b>STATE:</b> UTAH
<b>11. CHECK APPROPRIATE BOXES TO INDICATE NATURE OF NOTICE, REPORT, OR OTHER DATA</b>		
<b>TYPE OF SUBMISSION</b>	<b>TYPE OF ACTION</b>	
<input type="checkbox"/> <b>NOTICE OF INTENT</b> Approximate date work will start:	<input type="checkbox"/> <b>ACIDIZE</b>	
<input type="checkbox"/> <b>SUBSEQUENT REPORT</b> Date of Work Completion:	<input type="checkbox"/> <b>ALTER CASING</b>	
<input type="checkbox"/> <b>SPUD REPORT</b> Date of Spud:	<input type="checkbox"/> <b>CASING REPAIR</b>	
<input checked="" type="checkbox"/> <b>DRILLING REPORT</b> Report Date: 10/7/2011	<input type="checkbox"/> <b>CHANGE TO PREVIOUS PLANS</b>	
	<input type="checkbox"/> <b>CHANGE TUBING</b>	
	<input type="checkbox"/> <b>CHANGE WELL STATUS</b>	
	<input type="checkbox"/> <b>COMMINGLE PRODUCING FORMATIONS</b>	
	<input type="checkbox"/> <b>DEEPEN</b>	
	<input type="checkbox"/> <b>FRACTURE TREAT</b>	
	<input type="checkbox"/> <b>OPERATOR CHANGE</b>	
	<input type="checkbox"/> <b>PLUG AND ABANDON</b>	
	<input checked="" type="checkbox"/> <b>PRODUCTION START OR RESUME</b>	
	<input type="checkbox"/> <b>RECLAMATION OF WELL SITE</b>	
	<input type="checkbox"/> <b>REPERFORATE CURRENT FORMATION</b>	
	<input type="checkbox"/> <b>SIDETRACK TO REPAIR WELL</b>	
	<input type="checkbox"/> <b>TUBING REPAIR</b>	
	<input type="checkbox"/> <b>VENT OR FLARE</b>	
	<input type="checkbox"/> <b>WATER SHUTOFF</b>	
	<input type="checkbox"/> <b>SI TA STATUS EXTENSION</b>	
	<input type="checkbox"/> <b>WILDCAT WELL DETERMINATION</b>	
	<input type="checkbox"/> <b>OTHER:</b> <input style="width: 100px;" type="text"/>	
<b>12. DESCRIBE PROPOSED OR COMPLETED OPERATIONS. Clearly show all pertinent details including dates, depths, volumes, etc.</b>  The referenced well was turned to sales on 10/07/2011. Please see the attached operations summary report for drilling and completion operations performed on the subject well.		
<b>Accepted by the Utah Division of Oil, Gas and Mining FOR RECORD ONLY</b>		
<b>NAME (PLEASE PRINT)</b> Nanette Lupcho	<b>PHONE NUMBER</b> 435 781-9157	<b>TITLE</b> Regulatory Assistant
<b>SIGNATURE</b> N/A	<b>DATE</b> 10/11/2011	

## WELL CHRONOLOGY REPORT

Report Generated On: 10-11-2011

<b>Well Name</b>	CWU 1433-22D	<b>Well Type</b>	DEVG	<b>Division</b>	DENVER
<b>Field</b>	CHAPITA DEEP	<b>API #</b>	43-047-50319	<b>Well Class</b>	COMP
<b>County, State</b>	UINTAH, UT	<b>Spud Date</b>	08-09-2011	<b>Class Date</b>	
<b>Tax Credit</b>	N	<b>TVD / MD</b>	9,670/ 9,736	<b>Property #</b>	064672
<b>Water Depth</b>	0	<b>Last CSG</b>	2.375	<b>Shoe TVD / MD</b>	8,062/ 8,062
<b>KB / GL Elev</b>	4,919/ 4,900				
<b>Location</b>	Section 22, T9S, R22E, NENW, 366 FNL & 2128 FWL				

<b>Event No</b>	1.0	<b>Description</b>	DRILL & COMPLETE		
<b>Operator</b>	EOG RESOURCES, INC	<b>WI %</b>	100.0	<b>NRI %</b>	82.139

<b>AFE No</b>	306868	<b>AFE Total</b>	1,916,700	<b>DHC / CWC</b>	824,000/ 1,092,700
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<b>Rig Contr</b>	TRUE	<b>Rig Name</b>	TRUE #34	<b>Start Date</b>	03-31-2009	<b>Release Date</b>	08-19-2011
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<b>03-31-2009</b>	<b>Reported By</b>	SHEILA MALLOY
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<b>DailyCosts: Drilling</b>	\$0	<b>Completion</b>	\$0	<b>Daily Total</b>	\$0
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<b>Cum Costs: Drilling</b>	\$0	<b>Completion</b>	\$0	<b>Well Total</b>	\$0
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<b>MD</b>	9,670	<b>TVD</b>	9,736	<b>Progress</b>	0	<b>Days</b>	0	<b>MW</b>	0.0	<b>Visc</b>	0.0
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<b>Formation :</b>	<b>PBTD : 0.0</b>	<b>Perf :</b>	<b>PKR Depth : 0.0</b>
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**Activity at Report Time:** LOCATION DATA

Start	End	Hrs	From	To	Activity Description
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06:00	06:00	24.0	0	0	LOCATION DATA
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366' FNL & 2128' FWL (NE/NW)

SECTION 22, T9S, R22E

UINTAH COUNTY, UTAH

LAT 40 DEG 01' 39.82", LONG 109 DEG 25' 40.48" (NAD 83)

LAT 40 DEG 01' 39.95", LONG 109 DEG 25' 38.02" (NAD 27)

TRUE #34

OBJECTIVE: 9670' TVD/ 9736' MD, MESAVERDE

DW/GAS

CHAPITA WELLS DEEP PROSPECT

DD&A: CHAPITA DEEP

NATURAL BUTTES FIELD

LEASE: U-0283-A

ELEVATION: 4900.5' NAT GL, 4900.1' PREP GL (DUE TO ROUNDING PREP GL WILL BE 4900'),  
4919' KB (19')

NOTE: MULTI-PAD LOCATION - CWU 1425-22D, CWU 1427-22D, CWU 1432-22D, CWU 1433-22D,  
CWU 1434-22D

**RECEIVED** Oct. 11, 2011

EOG WI 100%, NRI 82.139316%

04-14-2011		Reported By		TERRY CSERE							
DailyCosts: Drilling		\$21,000		Completion		\$0		Daily Total		\$21,000	
Cum Costs: Drilling		\$21,000		Completion		\$0		Well Total		\$21,000	
MD	0	TVD	0	Progress	0	Days	0	MW	0.0	Visc	0.0
Formation :		PBTD : 0.0				Perf :		PKR Depth : 0.0			
Activity at Report Time: LOCATION BUILD											
Start	End	Hrs	From	To	Activity Description						
06:00	06:00	24.0	0	0	LOCATION BUILD WILL START TODAY. MULTI-PAD LOCATION – CWU 1425D, CWU 1427-22D, CWU 1432-22D, CWU 1433-22D, CWU 1434-22D						

04-19-2011		Reported By		GERALD ASHCRAFT							
DailyCosts: Drilling		\$5,591		Completion		\$0		Daily Total		\$5,591	
Cum Costs: Drilling		\$26,591		Completion		\$0		Well Total		\$26,591	
MD	60	TVD	60	Progress	0	Days	0	MW	0.0	Visc	0.0
Formation :		PBTD : 0.0				Perf :		PKR Depth : 0.0			
Activity at Report Time: SPUD NOTIFICATION											
Start	End	Hrs	From	To	Activity Description						
06:00	06:00	24.0	0	60	CRAIG’S BUCKET RIG SPUD A 20" HOLE ON 4/18/11 @ 8:00 PM, SET 60’ OF 14” CONDUCTOR. CEMENT TO SURFACE WITH READY MIX. BLM WAS NOTIFIED BY EMAIL OF SPUD ON 4/15/11 @ 11:21 AM.						

04-26-2011		Reported By		KERRY SALES							
DailyCosts: Drilling		\$24,713		Completion		\$0		Daily Total		\$24,713	
Cum Costs: Drilling		\$51,304		Completion		\$0		Well Total		\$51,304	
MD	900	TVD	898	Progress	600	Days	0	MW	0.0	Visc	0.0
Formation :		PBTD : 0.0				Perf :		PKR Depth : 0.0			
Activity at Report Time: DRILLING AT 900’											
Start	End	Hrs	From	To	Activity Description						
06:00	15:30	9.5	0	0	MIRU. LEVEL GROUND. SPOT RIG, MUD PITS AND PIPE TRAILER. THE WELL WAS HAMMER DRILLED 12.25" TO 300’ PRIOR TO RIG UP.						
15:30	21:00	5.5	0	0	RIG ON DAY WORK AT 15:30 HOURS ON 4/25/2011. PICK UP BHA. ORIENT MWD, TIH SCRIBING PIPE TO 300’, INSTALL DUST BOWL RUBBER. BREAK CIRCULATION AND FILL HOLE. CHECK FLOW AND MUD LINES. WORK ON MWD GROUND LINE CONNECTION. SURFACE DIRECTION CHECKED WITH 2 HAND HELD GPS.						
BIT TO BEND 6.68’, BIT TO MWD 56’, RPG .16, MOTOR BEND 1.75 DEGREES. ALL SURVEY DEPTHS 19’ RKB.											
21:00	22:30	1.5	0	0	ROTATE AND SLIDE DRILL FROM 300’ TO 400’. 100’ ROP 66’, WOB 5-8, GPM 501, SPP 450, ROTARY 45, MOTOR 80. ( DRILL 5’ OF PILOT HOLE ).						
22:30	23:00	0.5	0	0	RIG REPAIR. REPAIR DRIVE PULLY ON MUD PUMP LINER WASHERS.						
23:00	06:00	7.0	0	0	ROTATE AND SLIDE DRILL FROM 400’ TO 900’. 500’. ROP 71.4, WOB 10, SLIDE WOB 13-14, ROTARY 40, MOTOR 80, SPP 650, DIFF PSI 550, GPM 501. TFO HS 0-20 LEFT, 1’ RIGHT AND 8’ BELOW THE LINE.						
FULL CREWS, NO ACCIDENTS OR INCENDENTS REPORTED.											
SAFETY MEETINGS: BODY PLACEMENT AND SETTING DIVERTER.											

FUEL 225 GALLONS.

RAIN FOR RENT FUEL 20 GALLONS.

FULL RETURNS.

04-27-2011		Reported By		KERRY SALES							
DailyCosts: Drilling		\$28,560		Completion		\$0		Daily Total		\$28,560	
Cum Costs: Drilling		\$79,865		Completion		\$0		Well Total		\$79,865	
MD	1,991	TVD	1,959	Progress	1,091	Days	0	MW	0.0	Visc	0.0
Formation :			PBTD : 0.0			Perf :		PKR Depth : 0.0			

Activity at Report Time: DRILLING AT 1991'

Start	End	Hrs	From	To	Activity Description					
06:00	15:00	9.0	0	0	ROTATE AND SLIDE DRILL FROM GL 900' TO 1450'. 550'. ROP 61.1', WOB 12-14, SLIDE WOB 18, GPM 501, SPP 1050, DIFF PSI 150, ROTARY 45-50, MOTOR 80, 58% SLIDE AND 42% ROTATE, .5' LEFT AND 2' BELOW THE LINE. TFO HS 20*.					
15:00	15:30	0.5	0	0	CIRCULATE HOLE FOR PARTIAL MUD TANK CLEAN OUT.					
15:30	18:00	2.5	0	0	CLEAN MUD TANKS. SERVICE RIG.					
18:00	18:30	0.5	0	0	FILL MUD TANKS WITH WATER FROM RAIN FOR RENT TANKS.					
18:30	06:00	11.5	0	0	ROTATE AND SLIDE DRILL FROM GL 1450' TO 1991'. 541'. ROP 47', WOB 15, SLIDE WOB 20, ROTARY 45, MOTOR 80, SPP 1100, DIFF PSI 100. 5' RIGHT AND 3' ABOVE THE LINE, 53% ROTATE AND 47% SLIDE, TFO HS 60*-80*- LEFT.					

FULL CREWS, NO ACCIDENTS OR INCIDENTS REPORTED.

SAFETY MEETINGS: UNLOADING CASING, HOUSE KEEPING.

FUEL USED 594 GALLONS.

10% RETURNS. LOST CIRCULATION AT 1861'.

BIRDS NEST FORMATION.

04-28-2011		Reported By		KERRY SALES							
DailyCosts: Drilling		\$65,436		Completion		\$0		Daily Total		\$65,436	
Cum Costs: Drilling		\$145,301		Completion		\$0		Well Total		\$145,301	
MD	2,398	TVD	2,351	Progress	388	Days	0	MW	0.0	Visc	0.0
Formation :			PBTD : 0.0			Perf :			PKR Depth : 0.0		

Activity at Report Time: CIRCULATE HOLE FOR CASING

Start	End	Hrs	From	To	Activity Description					
06:00	08:00	2.0	0	0	ROTATE DRILL FROM GL 1991' TO 2035'. 44'. ROP 22, WOB 14, ROTARY 45, GPM 501, SPP 1100, DIFF PSI 100. 5' RIGH AND 3' ABOVE THE LINE.					
08:00	09:00	1.0	0	0	DIRECTIONAL RELATED PROBLEMS. COMMUNICATION PROBLEMS WITH MWD. GROUND WIRE REPAIR. CIRCULATE AND PUMP DRILLING MUD AND WHITE RIVER POND WATER. DRAIN UP TRUE 34'S AND CRAIGS RIG 5 RESERVE PITS TODAY.					
09:00	18:00	9.0	0	0	ROTATE AND SLIDE DRILL FORM GL 2035' TO 2350''. 315'. ROP 35, WOB 12, SLIDE WOB 15, ROTARY 45, MOTOR 80, GPM 501, SPP 1150, DIFF PSI 150. TFO HS 80* LEFT, 29' RIGHT AND 10' ABOVE THE LINE. 56% ROTATE AND 44% SLIDE. RETURNS ZERO.					
18:00	19:30	1.5	0	0	ROTATE DRILL FROM GL 2350' TO 2379'. 29'. MD GL TD 2379', MD RKB 19' TD 2398. TVD GL 2332', TVD 19' RKB 2351'. AT TD 30' RIGHT AND 8' ABOVE THE LINE. RETURNS ZERO. DAILY RECORDED DEPTH 19' RKB FOR TRUE 34'.					
19:30	20:30	1.0	0	0	CIRCULATE HOLE FOR TRIP, BHA #1.					
20:30	00:30	4.0	0	0	TRIP OUT OF HOLE. LAY DOWN DIRECTIONAL TOOLS. USED PUMP FIRST 3 JOINTS OFF BOTTOM 15K TO 25K OVER PULL THEN OK.					

00:30	01:30	1.0	0	0 SET OUT BHA #1 AND SET UP BHA #2. CLEAN UP WORK AREA.
01:30	04:30	3.0	0	0 TRIP IN HOLE BHA #2 WIPER TRIP WITH TRI-CONE BIT AND 3 PT REAMER. LITE REAMING THROUGH TIGHT SPOTS AT 600', 630', 760', 1270' AND 1450'. 1' TO 3' EACH SPOT.
04:30	06:00	1.5	0	0 CIRCULATE HOLE FOR CASING. NO RETURNS.

FULL CREWS. NO ACCIDENTS OR INCENDENTS REPORTED.

SAFETY MEETINGS: PPE, USE OF RIG TONG.

DIESEL USED 773.5.

FUEL FOR RAIN F RENT PUMP 20 GALLONS.

NO CIRCULATION.

**04-29-2011**      **Reported By**      KERRY SALES

<b>DailyCosts: Drilling</b>	\$107,335	<b>Completion</b>	\$0	<b>Daily Total</b>	\$107,335
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<b>Cum Costs: Drilling</b>	\$252,636	<b>Completion</b>	\$0	<b>Well Total</b>	\$252,636
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<b>MD</b>	2,398	<b>TVD</b>	2,351	<b>Progress</b>	0	<b>Days</b>	0	<b>MW</b>	0.0	<b>Visc</b>	0.0
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<b>Formation :</b>	<b>PBTD : 0.0</b>	<b>Perf :</b>	<b>PKR Depth : 0.0</b>
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**Activity at Report Time:** WO WELLHEAD

Start	End	Hrs	From	To	Activity Description
06:00	06:30	0.5	0	0	SPOT 100 BBL'S OF DRLG MUD ON BOTTOM.
06:30	10:00	3.5	0	0	TRIP OUT OF HOLE BHA #2 WIPER TRIP.
10:00	11:00	1.0	0	0	RIG DOWN FLOW LINE AND DUST BOWL, MOVE PIPE TRAILER. SET UP TO RUN SURFACE CASING.
11:00	14:30	3.5	0	0	RUN 56 JTS OF 9/5/8", K-55, 36#, STC SURFACE PIPE. RUN 2368.17' MD GL, TVD GL 2321'. RAN 8 CENTRALIZERS FROM RKB 2357' TO 2067' AND TWO FROM 321' TO 363'. NO PROBLEMS RUNNING CASING UNTIL LAST JOINT, WASH DOWN THE LAST 25'. 19' RKB FOR TRUE 34 SHOE 2387.17' MD AND 2340' TVD.
14:30	15:00	0.5	0	0	WASH CASING DOWN 25' TO CASING DEPTH.
15:00	15:30	0.5	0	0	CIRCULATE CAPISITY OF CASING PLUS 250 BBL'S.
15:30	17:30	2.0	0	0	RIG RELEASED ON 4/28/2011 AT 17:30 HOURS. RDMO. LEVEL UP LOCATION FOR RIG MOVE.
17:30	06:00	12.5	0	0	MIRU HALLIBURTON CEMENTERS. HELD SAFETY MEETING. PRESSURE TESTED LINES AND CEMENT VALVE TO 3000 PSIG. PUMPED 20 BBL'S OF FRESH AND 20 BBLS GELLED WATER FLUSH AHEAD OF CEMENT.

TAIL: MIXED AND PUMPED 400 SACKS (84 BBL'S) OF PREMIUM CEMENT W/ 2% CACL MIXED CEMENT @ 15.6 PPG W/ YIELD OF 1.18 CF/SX.

DISPLACED CEMENT W/179.8 BBL'S FRESH WATER. FCP 222, BUMPED PLUG W/800 PSI @ 07:22 pM 4/28/2011 FLOATS HELD. NO RETURNS THROUGH OUT WOC 2 HOURS.

TOP JOB # 1: DOWN 6' OF 1' PIPE, MIXED &amp; PUMPED 50 SX (10.2 BBL'S) OF PREMIUM CEMENT W/2% CACL2. MIXED CEMENT @ 15.8 PPG W/YIELD OF 1.15 CF/SX. NO RETURNS DURING ANY PART OF THE OPERATION. WAIT ON CEMENT 2.5 HOURS.

TOP JOB # 2: MIXED &amp; PUMPED 50 SX (10.2 BBL'S) OF PREMIUM CEMENT W/2% CACL2. MIXED CEMENT @ 15.8 PPG W/YIELD OF 1.15 CF/SX. NO RETURNS. WOC 3 HOURS .

TOP JOB # 3: MIXED & PUMPED 100 SX (20.4 BBL'S) OF PREMIUM CEMENT W/2% CACL2. MIXED CEMENT @ 15.8 PPG W/YIELD OF 1.15 CF/SX. WOC 2 HOURS.

TOP JOB # 4: MIXED & PUMPED 50 SX (10.2 BBL'S) OF PREMIUM CEMENT W/2% CACL2. MIXED CEMENT @ 15.8 PPG W/YIELD OF 1.15 CF/SX. CEMENT TO SURFACE BUT FELL BACK. WOC 3 HOURS.

TOP JOB # 5: MIXED & PUMPED 50 SX (10.2 BBL'S) OF PREMIUM CEMENT W/2% CACL2. MIXED CEMENT @ 15.8 PPG W/YIELD OF 1.15 CF/SX. WOC 2.5 HOURS

TOP JOB # 6: MIXED & PUMPED 50 SX (10.2 BBL'S) OF PREMIUM CEMENT W/2% CACL2. MIXED CEMENT @ 15.8 PPG W/YIELD OF 1.15 CF/SX. WELL FULL AND STATIC AT SURFACE. OBSERVE WELL FOR 1.5 HOURS WHILE RIGGING DOWN. RELEASE HALLIBURTON.  
350 SACKS TO TOP OUT THIS WELL.

PREPARED THE LOCATION FOR ROTARY RIG. WORT. WILL DROP FROM REPORT UNTIL FURTHER ACTIVITY.

KERRY SALES NOTIFIED THE BLM VIA E-MAIL OF THE SURFACE CASING & CEMENT JOB ON 04/28/2011 @ 07:00 AM. KERRY SALES NOTIFIED CAROL DANIELS WITH UDOGM OF THE SURFACE CASING AND CEMENT VIA PHONE ON 04/28/2011 AT 07:00 AM. BLM NOTIFIED ON 04/26/2011 @ 03:53 PM AND CAROL DANIELS UDOGM ON 4/26/2011 @ 04:25 PM.

FULL CREW, NO ACCIDENTS OR INCENDENTS REPORTED.

FUEL USED 119 GALLONS.

SAFETY MEETING: RUNNING CASING.

TRANSFERED 6 JOINTS OF 9 5/8, K-55, 36#, STC. TOTAL 240.63'.

08-09-2011		Reported By		PAT CLARK							
DailyCosts: Drilling		\$66,312		Completion		\$0		Daily Total		\$66,312	
Cum Costs: Drilling		\$318,948		Completion		\$0		Well Total		\$318,948	
MD	2,398	TVD	2,351	Progress	0	Days	0	MW	0.0	Visc	0.0
Formation :			PBTD : 0.0			Perf :			PKR Depth : 0.0		
Activity at Report Time: TEST BOPE											
Start	End	Hrs	From	To	Activity Description						
18:00	21:00	3.0	0	0	RDRT. SKID RIG 10' TO NEW WELL. RURT. CUT AND SLIP 125' DRILL LINE. TRANSFER 4 JTS 4 1/2", N-80, 11.6#, LTC CSG (169.42' TOL) FROM CWU 1434-22D. TRANSFER 2 4 1/2", P-110, 11.6#, LTC MJ (19.28' TOL) FROM CWU 1434-22D. TRANSFER 6669 GALS DIESEL FUEL @ \$3.70/GAL FROM CWU 1434-22D.						
21:00	22:00	1.0	0	0	NUBOP. RIG ON DAYWORK @ 21:00 HRS, 8/8/11.						
22:00	06:00	8.0	0	0	TEST STACK. VISUALLY INSPECTED ANNULAR PREVENTER. RIG UP B&C QUICK TEST AND TEST PIPE RAMS, HCR (LEAKED), UPPER & LOWER KELLY & INSIDE BOP 5000 PSI - 10 MINUTES. PERFORM ACCUMULATOR FUNCTION TEST. WAIT ON NEW HCR TO CONTINUE TEST.						
VERNAL BLM NOTIFIED 8/7/11 @ 20:30.											

FULL CREWS, NO ACCIDENTS.

SAFETY MEETINGS – RURT, TEST BOP.

FUEL – 6498, USED – 171.

08-10-2011		Reported By		KIT HATFIELD							
DailyCosts: Drilling		\$40,865		Completion		\$0		Daily Total		\$40,865	
Cum Costs: Drilling		\$359,813		Completion		\$0		Well Total		\$359,813	
MD	2,960	TVD	2,900	Progress	562	Days	1	MW	9.6	Visc	35.0
Formation :		PBTD : 0.0				Perf :		PKR Depth : 0.0			
Activity at Report Time: DRILLING @ 2900'											
Start	End	Hrs	From	To	Activity Description						
06:00	10:00	4.0	0	0	RIG REPAIR: WAIT ON HCR VALVE.						
10:00	11:30	1.5	0	0	RIG REPAIR: INSTALL HCR VALVE AND CHOKE HOSE.						
11:30	14:30	3.0	0	0	TEST STACK. VISUALLY INSPECTED ANNULAR PREVENTER. RIG UP B&C QUICK TEST AND TEST PIPE RAMS, BLIND RAMS, HCR, CHOKE LINES, MANIFOLD, KILL LINE VALVES, UPPER & LOWER KELLY & INSIDE BOP 5000 PSI HIGH – 10 MINUTES / 250 PSI LOW – 5 MIN. TEST ANNULAR PREVENTER 250/2500 PSI FOR 10 MINUTES. PERFORM ACCUMULATOR FUNCTION TEST.						
					TEST CASING TO 1500 PSI / 30 MIN. OK.						
14:30	15:00	0.5	0	0	INSTALL WEAR RING.						
15:00	18:00	3.0	0	0	MAKE UP BIT & BHA. ORIENT DIRECTIONAL TOOLS. TRIP IN AND TAG UP ON CEMENT @ 2295'.						
18:00	19:00	1.0	0	0	CUT DRILLING LINE.						
19:00	21:00	2.0	0	0	PICK UP KELLY AND WASH DOWN SINGLES. DRILL OUT PLUG AND FLOAT COLLAR AT 2345'. DRILL CEMENT AND SHOE @ 2387', RATHOLE DOWN TO 2398'.						
21:00	21:30	0.5	0	0	PERFORM FIT TEST TO 10.8 PPG EMW .						
21:30	00:30	3.0	2398	2634	DRILLING W/ STEERABLE ASSY: 2398-2634' (236') AVG 79 FPH.						
					15-18K WOB, RPM TABLE= 50/70 MOTOR. PRESSURE = 1400 PSI / DIFF =150-200 PSI. 460 GPM.						
					HOLDING 13 DEG INC, AT 320 AZM DOWN TO 2800', THEN BEGIN DROP BACK TO VERTICAL BY 4200' @ 1 DEG/100'.						
					INST. P-RATE ROTATING = 100-200 , SLIDING 60-80 FPH.						
00:30	01:30	1.0	2634	2634	TOOK GAS KICK AT 2634'. (MW = 9.6 PPG) SHUT WELL IN AND CIRCULATE OUT THRU CHOKE/BUSTER. HAD STRONG 30-40' FLARE WHILE CIRCULATING OUT BUBBLE. AFTER BUBBLE CIRCUCATED OUT, FLOW CHECK AND PUT FLOW BACK DOWN FLOWLINE. DID NOT RAISE MUD WEIGHT.						
01:30	06:00	4.5	2634	2960	DRILLING: 2634-2960' (326') AVG 72 FPH. PARAMETERS AS ABOVE.						
					FULL CREWS / NO ACCIDENTS. SAFETY MEETINGS: CUTTING DRLG LINE. FAST HOLE. SURFACE KICKS. FUEL = 5814 GAL / USED 684.						
					ROTATED 421' (75%) AVG 152 FPH, SLID 140' (25%) AVG 76 FPH.						
06:00			0	0	SPUD 7 7/8" HOLE AT 21:30 HRS, 8/9/11.						

08-11-2011		Reported By		KIT HATFIELD							
DailyCosts: Drilling		\$33,882		Completion		\$0		Daily Total		\$33,882	
Cum Costs: Drilling		\$393,696		Completion		\$0		Well Total		\$393,696	
MD	4,850	TVD	4,778	Progress	1,890	Days	2	MW	9.8	Visc	34.0
Formation :		PBTD : 0.0				Perf :		PKR Depth : 0.0			
Activity at Report Time: DRILLING @ 4850'											



Start	End	Hrs	From	To	Activity Description
06:00	14:30	8.5	2960	3670	DRILLING W/ STEERABLE ASSY: 2960-3670' (710') AVG 84 FPH. 18-20K WOB, RPM TABLE= 55/70 MOTOR. PRESSURE = 1700 PSI / DIFF =200-300 PSI. 460 GPM.
14:30	15:00	0.5	3670	3670	RIG SERVICE.
15:00	06:00	15.0	3670	4850	DRILLING: 3670-4850' (1180') AVG 79 FPH. MW=9.8 PPG. PARAMETERS AS ABOVE.
FULL CREWS / NO ACCIDENTS. SAFETY MEETINGS: BOP DRILLS. MIXING CHEMICALS. FUEL = 4560 / USED 1254 GAL. SLIDE 16% (300') AVG 60-80 FPH, ROTATE 84% (1590') INST. P-RATES 100-200 FPH. BACK TO VERTICAL AT ABOUT 4150' MD 591-N/224-S.					

08-12-2011		Reported By		KIT HATFIELD							
DailyCosts: Drilling		\$32,593		Completion		\$0		Daily Total		\$32,593	
Cum Costs: Drilling		\$426,289		Completion		\$0		Well Total		\$426,289	
MD	5,800	TVD	5,728	Progress	950	Days	3	MW	10.1	Visc	34.0
Formation :			PBTD : 0.0			Perf :			PKR Depth : 0.0		
Activity at Report Time: DRILLING @ 5800'											

Start	End	Hrs	From	To	Activity Description
06:00	16:30	10.5	4850	5294	DRILLING W/ STEERABLE ASSY: 4850-5294' (444') AVG 42 FPH. 18-21K WOB, RPM TABLE= 55/70 MOTOR. PRESSURE = 1900 PSI / DIFF =150-250 PSI. 460 GPM. PROGRAM TOP WASATCH @ 4884' MD.
16:30	17:00	0.5	5294	5294	RIG SERVICE.
17:00	06:00	13.0	5294	5800	DRILLING: 5294-5800' (506') AVG 39 FPH. PARAMETERS AS ABOVE. PROGRAM TOP CHAPITA WELLS @ 5486' MD.
FULL CREWS / NO ACCIDENTS. SAFETY MEETINGS: FORKLIFT SAFETY. CLEANING UNDER SUB. FUEL: 3021 / USED 1539 GAL. PAST 24 HRS SLID 74' (8%) AVG ROP 30-40 FPH (WASATCH) ROTATE 876' (92%) AVG 20-40 FPH (BELOW WASATCH).					

08-13-2011		Reported By		KIT HATFIELD							
DailyCosts: Drilling		\$69,416		Completion		\$0		Daily Total		\$69,416	
Cum Costs: Drilling		\$495,706		Completion		\$0		Well Total		\$495,706	
MD	6,530	TVD	6,458	Progress	730	Days	4	MW	10.2	Visc	37.0
Formation :			PBTD : 0.0			Perf :			PKR Depth : 0.0		
Activity at Report Time: DRILLING @ 6530'											

Start	End	Hrs	From	To	Activity Description
06:00	11:00	5.0	5800	5800	LOST 600 PSI PUMP PRESSURE AND FULL RETURNS 3 FT. BEFORE CONNECTION @ 5820'. PICK UP, HOLE TITE, CAN'T ROTATE. WORK PIPE UP TO 300K (ST WT 140K) WORK OUT 2 SINGLES AND HOLE FREED UP. PUMPING LCM ATTEMPTING TO ESTABLISH RETURNS W/O SUCCESS. PULL 12 STANDS TO ABOVE WASATCH AND BUILD VOLUME. BEGIN PUMPING AND ESTABLISH PARTIAL RETURNS. HAVE FULL RETURNS AND VOLUME BUILT AFTER 2 HOURS. TRIP BACK IN TO BOTTOM. WASH LAST 2 SINGLES DOWN WITH NO PROBLEM AND FULL RETURNS. LOST ABOUT 600 BBLS TOTAL FLUID.
11:00	17:00	6.0	5800	6011	DRILLING W/ STEERABLE ASSY: 5800-6011' (211') AVG 35 FPH. 18-21K WOB, RPM TABLE= 55/65 MOTOR. PRESSURE = 2100 PSI / DIFF =150-250 PSI. 435 GPM.
17:00	17:30	0.5	6011	6011	RIG SERVICE.

17:30 06:00 12.5 6011 6530 DRILLING: 6011-6530' (519') AVG 42 FPH. PARAMETERS AS ABOVE.  
PROGRAM TOP BUCK CANYON @ 6185' MD.

FULL CREWS / NO ACCIDENTS. SAFETY MEETINGS: MIS MATCHED HAMMER UNIONS.  
FUEL = 9690 / USED 1331 GAL.  
PAST 24 HRS, MADE 1 20' SLIDE(3%) / ROTATE 97%.

08-14-2011		Reported By		KIT HATFIELD							
DailyCosts: Drilling		\$35,645		Completion		\$6,504		Daily Total		\$42,149	
Cum Costs: Drilling		\$531,352		Completion		\$6,504		Well Total		\$537,856	
MD	7,260	TVD	7,188	Progress	730	Days	5	MW	10.3	Visc	41.0
Formation :			PBTD : 0.0			Perf :			PKR Depth : 0.0		
Activity at Report Time: DRILLING @ 7260'											
Start	End	Hrs	From	To	Activity Description						
06:00	08:00	2.0	6530	6602	DRILLING W/ STEERABLE ASSY: 6530-6602' (72') AVG 36 FPH. 18-21K WOB, RPM TABLE= 55/65 MOTOR. PRESSURE = 2100 PSI / DIFF =150-250 PSI. 435 GPM.						
08:00	08:30	0.5	6602	6602	RIG SERVICE.						
08:30	06:00	21.5	6602	7260	DRILLING: 6602-7260' (658') AVG 31 FPH. PARAMATERS AS ABOVE. PROGRAM TOP NORTH HORN @ 6853' MD.						
FULL CREWS / NO ACCIDENTS. SAFETY MEETINGS: PROPER TOOL USEAGE. UNLOADING CASING.											
FUEL = 8151 / USED 1539 GAL.											
PAST 24 HRS: SLID 25' (3%) AVG 25 FPH, ROTATE 705' (97%) AVG 35 FPH. TARGET BOUNDARY ABOUT 65' AWAY AT CURRENT TRAJECTORY.											

08-15-2011		Reported By		KIT HATFIELD							
DailyCosts: Drilling		\$39,854		Completion		\$0		Daily Total		\$39,854	
Cum Costs: Drilling		\$566,265		Completion		\$6,504		Well Total		\$572,769	
MD	8,070	TVD	7,995	Progress	810	Days	6	MW	10.7	Visc	41.0
Formation :			PBTD : 0.0			Perf :			PKR Depth : 0.0		
Activity at Report Time: DRILLING @ 8070'											
Start	End	Hrs	From	To	Activity Description						
06:00	14:30	8.5	7260	7570	DRILLING W/ STEERABLE ASSY: 7260-7570' (310') AVG 36 FPH. 18-21K WOB, RPM TABLE= 55/65 MOTOR. PRESSURE = 2250 PSI / DIFF =150-250 PSI. 435 GPM. PROGRAM TOP PRICE RIVER @ 7392' MD.						
14:30	15:00	0.5	7570	7570	RIG SERVICE.						
15:00	06:00	15.0	7570	8070	DRILLING: 7570-8070' (500') AVG 33 FPH. PARAMETERS AS ABOVE.						
FULL CREWS / NO ACCIDENTS. SAFETY MEETINGS: TEAM WORK - USING MAN BASKET. FUEL = 6669 GAL / USED 1482 GAL. PAST 24 HRS, 100% ROTATE.											

<b>08-16-2011</b>		<b>Reported By</b>		KIT HATFIELD							
<b>DailyCosts: Drilling</b>		\$38,253		<b>Completion</b>		\$0		<b>Daily Total</b>		\$38,253	
<b>Cum Costs: Drilling</b>		\$599,466		<b>Completion</b>		\$6,504		<b>Well Total</b>		\$605,970	
<b>MD</b>	8,410	<b>TVD</b>	8,338	<b>Progress</b>	435	<b>Days</b>	7	<b>MW</b>	10.9	<b>Visc</b>	45.0

Formation : PBTB : 0.0 Perf : PKR Depth : 0.0

Activity at Report Time: DRILLING @ 8410'

Start	End	Hrs	From	To	Activity Description
06:00	08:30	2.5	8070	8165	DRILLING W/ STEERABLE ASSY: 8070-8165' (95') AVG 38 FPH. 18-21K WOB, RPM TABLE= 55/63 MOTOR. PRESSURE = 2250 PSI / DIFF =150-250 PSI. 420 GPM. NOT GETTING ANY SIGNAL FROM EMD. PREPARE TO TRIP.
08:30	09:00	0.5	8165	8165	CIRCULATE & BUILD SLUG. RIG SERVICE.
09:00	17:30	8.5	8165	8165	TRIP TO CHANGE OUT EMD TOOL. LAY DOWN STABILIZER (WORN FROM 7 1/16" TO 6 7/8"), LAY DOWN MOTOR (WEAR PAD WORN DOWN TO NOMINAL OD) PULL EMD TOOL AND FOUND LCM PACKED AROUND BOW SPRINGS AND IN MULE SHOE. TRIP IN ,WASH & REAM LAST 80' TO BTM. HAD 6' FILL. HOLE IN GOOD SHAPE IN AND OUT.
17:30	06:00	12.5	8165	8410	DRILLING: 8165-8410' (245') AVG 20 FPH. PARAMETERS AS ABOVE. PROGRAM TOP MIDDLE PRICE RIVER @ 8246' MD.  FULL CREWS / NO ACCIDENTS. SAFETY MEETINGS: TRIPPING. PPE WHEN MIXING CHEMICALS. FUEL = 5415 / USED 1254 GAL. PAST 24 HRS SLID 16' (4%) AVG 15-20 FPH. ROTATED 324' (96%) AVG 25 FPH.

08-17-2011 Reported By KIT HATFIELD

DailyCosts: Drilling	\$41,736	Completion	\$0	Daily Total	\$41,736
Cum Costs: Drilling	\$637,885	Completion	\$6,504	Well Total	\$644,389
MD	9,030	TVD	8,958	Progress	620
Days	8	MW	10.9	Visc	40.0

Formation : PBTB : 0.0 Perf : PKR Depth : 0.0

Activity at Report Time: DRILLING @ 9030'

Start	End	Hrs	From	To	Activity Description
06:00	14:00	8.0	8410	8563	DRILLING W/ STEERABLE ASSY: 8410-8563' (153') AVG 19 FPH. 18-21K WOB, RPM TABLE= 55/63 MOTOR. PRESSURE = 2350 PSI / DIFF =100-200 PSI. 420 GPM.
14:00	14:30	0.5	8563	8563	RIG SERVICE
14:30	06:00	15.5	8563	9030	DRILLING: 8563-9030' (467') AVG 30 FPH. PARAMETERS AS ABOVE. PROGRAM TOP LOWER PRICE RIVER @ 9025'.  FULL CREWS / NO ACCIDENTS. SAFETY MEETINGS: HEAT STROKE / LOOSE CLOTHING. FUEL = 3762 / USED 1653 GAL. PAST 24 HRS, 100% ROTATE.

08-18-2011 Reported By KIT HATFIELD

DailyCosts: Drilling	\$77,778	Completion	\$0	Daily Total	\$77,778
Cum Costs: Drilling	\$715,664	Completion	\$6,504	Well Total	\$722,168
MD	9,640	TVD	9,567	Progress	610
Days	9	MW	11.2	Visc	43.0

Formation : PBTB : 0.0 Perf : PKR Depth : 0.0

Activity at Report Time: DRILLING @ 9640'

Start	End	Hrs	From	To	Activity Description
06:00	11:00	5.0	9030	9157	DRILLING W/ STEERABLE ASSY: 9030-9157' (127') AVG 25 FPH. 18-21K WOB, RPM TABLE= 55/63 MOTOR. PRESSURE = 2350 PSI / DIFF =100-200 PSI. 420 GPM.
11:00	11:30	0.5	9157	9157	RIG SERVICE.
11:30	20:00	8.5	9157	9405	DRILLING: 9157-9405' (248') AVG 29 FPH. PARAMETERS AS ABOVE.

20:00 21:30 1.5 9405 9405 RIG REPAIR: HAD LEAK ON ROTARY AIR LINE . REPLACE LINE AND AIR RELEASE.  
 21:30 06:00 8.5 9405 9460 DRILLING: 9405-9640' (235') AVG 28 FPH. PARAMETERS AS ABOVE. PROGRAM TOP SEGO @ 9533' MD.

FULL CREWS / NO ACCIDENTS. SAFETY MEETINGS: WORKING W/ OVERHEAD SUSPENDED LOADS. FIRST DAY BACK. FUEL = 9744 / USED 2018 GAL.  
 PAST 24 HRS, ROTATE 100%.

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**08-19-2011**      **Reported By**      KIT HATFIELD

<b>DailyCosts: Drilling</b>	\$54,157	<b>Completion</b>	\$0	<b>Daily Total</b>	\$54,157
<b>Cum Costs: Drilling</b>	\$769,821	<b>Completion</b>	\$6,504	<b>Well Total</b>	\$776,325

**MD**      9,740      **TVD**      9,667      **Progress**      100      **Days**      10      **MW**      11.3      **Visc**      46.0

**Formation :**      **PBTD : 0.0**      **Perf :**      **PKR Depth : 0.0**

**Activity at Report Time:** RUNNING PRODUCTION CASING

Start	End	Hrs	From	To	Activity Description
06:00	08:00	2.0	9640	9686	DRILLING W/ STEERABLE ASSY: 9640-9686' (46') AVG 23 FPH. 18-21K WOB, RPM TABLE= 55/63 MOTOR. PRESSURE = 2450 PSI / DIFF =100-200 PSI. 420 GPM.
08:00	08:30	0.5	9686	9686	RIG SERVICE.
08:30	11:00	2.5	9686	9740	DRILLING: 9686-9740' (54') AVG 22 FPH. PARAMETERS AS ABOVE. TD REACHED @ 11:00 HRS, 8-18-11.
11:00	12:00	1.0	9740	9740	PUMP HI VIS SWEEP AND CIRCULATE OUT.
12:00	14:00	2.0	9740	9740	SHORT TRIP 29 STDS UP TO 7000'. HOLE OK.
14:00	15:00	1.0	0	0	CIRCULATE. HOLD JOB DISCUSSION/SAFETY MEETING. RIG UP W'FORD LAY DOWN MACHINE.
15:00	22:00	7.0	0	0	LAY DOWN DP, BHA (WILL INSPECT), AND DIRECTIONAL TOOLS.
22:00	22:30	0.5	0	0	PULL WEAR RING.
22:30	00:00	1.5	0	0	HOLD SAFETY MEETING. RIG UP W'FORD CASING CREW.
00:00	06:00	6.0	9740	9740	RUN 4 1/2" PRODUCTION CASING W/O PROBLEM. HAVE 10 JTS LEFT TO GO AT REPORT TIME.

FULL CREWS / NO ACCIDENTS. SAFETY MEETINGS: LAYING DOWN DP. RUNNING CASING.  
 FUEL: 8736 / USED 1008 GAL.

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**08-20-2011**      **Reported By**      KIT HATFIELD

<b>DailyCosts: Drilling</b>	(\$146)	<b>Completion</b>	\$164,759	<b>Daily Total</b>	\$164,612
<b>Cum Costs: Drilling</b>	\$769,675	<b>Completion</b>	\$171,263	<b>Well Total</b>	\$940,938

**MD**      9,740      **TVD**      9,667      **Progress**      0      **Days**      11      **MW**      0.0      **Visc**      0.0

**Formation :**      **PBTD : 0.0**      **Perf :**      **PKR Depth : 0.0**

**Activity at Report Time:** RDRT/WO COMPLETION

Start	End	Hrs	From	To	Activity Description
06:00	06:30	0.5	9740	9740	RUN 4 1/2" PRODUCTION CASING. RUN 229 JOINTS 4 1/2" 11.6# N-80 LT&C CASING TO 9729'. FLOAT SHOE @ 9729', FLOAT COLLAR @ 9681', MARKER JTS @ 7305' AND 4372'. LAND HANGER IN DTO HEAD W/ 75K.
06:30	07:30	1.0	0	0	CIRCULATE W/ CASING LANDED IN HANGER. RIG DOWN CASING CREW. HOLD SAFETY MEETING, RIG UP HALLIBURTON.

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07:30	10:00	2.5	0	0	FILL LINES AND TEST TO 5000 PSI. PUMP 20 BBLs MUD FLUSH, LEAD IN WITH 460SX(150 BBLs) Highbond Lead Cement @ 12.0 PPG. Tail in with 1390 SX (364 BBLs.) EXTENDACEM CEMENT @ 13.5 PPG. WASH UP AND DROP LATCH DOWN PLUG. DISPLACED WITH 151 BBLs FRESH WATER + .5 GAL/1000 GAL MYACIDE GA25 @ 8 BPM, MAX PRESSURE 2500 PSI. BUMP PLUG W/3500 PSI. FLOATS HELD. HAD FULL RETURNS THROUGH OUT JOB & GOOD LIFT PRESSURE. NO CEMENT TO SURFACE. CEMENT IN PLACE AT 10:00 HRS, 8/19/11
10:00	11:00	1.0	0	0	WOC. CLEAN MUD TANKS. RIG DOWN HALLIBURTON.
11:00	12:00	1.0	0	0	RIG DOWN HALLIBURTON CEMENT HEAD. BACK OUT LANDING JOINT. SET FMC PACKOFF AND TEST TO 5000 PSI. CONTINUE TO CLEAN PITS.
12:00	14:00	2.0	0	0	TRANSFER MUD TO STORAGE. CLEAN OUT PREMIX AND ACTIVE PITS WITH SUPER SUCKER. ND BOP.
14:00			0	0	FULL CREWS / NO ACCIDENTS. SAFETY MEETINGS: CEMENTING. RIGGING DOWN MOVING RIG. INSPECTED BHA . HAD 4 HWDP AND 2 DC W/ DAMAGED THDS. TRANSFER 4 JOINTS CASING: 4 1/2" 11.6# N-80 (40.13, 39.38, 46.77, 42.40') 1 MARKER JOINT: 4 1/2" 11.6# p-110 (10.10') 8664 GAL FUEL @ \$3.67 / GAL
			0	0	RIG RELEASED @ 14:00 HRS, 8/19/11. CASING POINT COST \$769,676

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**09-03-2011**      **Reported By**      SEARLE

<b>DailyCosts: Drilling</b>	\$0	<b>Completion</b>	\$16,000	<b>Daily Total</b>	\$16,000
<b>Cum Costs: Drilling</b>	\$769,675	<b>Completion</b>	\$187,263	<b>Well Total</b>	\$956,938

<b>MD</b>	9,740	<b>TVD</b>	9,667	<b>Progress</b>	0	<b>Days</b>	12	<b>MW</b>	0.0	<b>Visc</b>	0.0
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<b>Formation :</b>	<b>PBTD :</b> 9681.0	<b>Perf :</b>	<b>PKR Depth :</b> 0.0
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Activity at Report Time: PREP FOR FRACS

Start	End	Hrs	From	To	Activity Description
06:00			0	0	MIRU CUTTERS WIRELINE. LOG WITH CBL/CCL/VDL/GR FRO PBTD 9690' TO 90'. EST CEMENT TOP @ 1320'. RDWL.

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**09-17-2011**      **Reported By**      SEARLE

<b>DailyCosts: Drilling</b>	\$0	<b>Completion</b>	\$700	<b>Daily Total</b>	\$700
<b>Cum Costs: Drilling</b>	\$769,675	<b>Completion</b>	\$187,963	<b>Well Total</b>	\$957,638

<b>MD</b>	9,740	<b>TVD</b>	9,667	<b>Progress</b>	0	<b>Days</b>	13	<b>MW</b>	0.0	<b>Visc</b>	0.0
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<b>Formation :</b>	<b>PBTD :</b> 9681.0	<b>Perf :</b>	<b>PKR Depth :</b> 0.0
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Activity at Report Time: WAIT ON FRACS

Start	End	Hrs	From	To	Activity Description
06:00			0	0	MIRU WSS. PRESSURE TEST CASING TO 6500 PSIG. HELD OK. RD WSS.

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**09-27-2011**      **Reported By**      SEARLE

<b>DailyCosts: Drilling</b>	\$0	<b>Completion</b>	\$3,500	<b>Daily Total</b>	\$3,500
<b>Cum Costs: Drilling</b>	\$769,675	<b>Completion</b>	\$191,463	<b>Well Total</b>	\$961,138

<b>MD</b>	9,740	<b>TVD</b>	9,667	<b>Progress</b>	0	<b>Days</b>	14	<b>MW</b>	0.0	<b>Visc</b>	0.0
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<b>Formation : MESAVERDE</b>	<b>PBTD :</b> 9681.0	<b>Perf :</b> 9250-9532	<b>PKR Depth :</b> 0.0
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**Activity at Report Time: SI**

Start	End	Hrs	From	To	Activity Description
06:00	06:00	24.0	0	0	MIRU CUTTERS WIRELINE. PERFORATE LPR FROM 9250'-51', 9260'-61', 9271'-72', 9311'-12', 9330'-31', 9368'-69', 9404'-05', 9427'-28', 9434'-35', 9489'-90', 9495'-96' & 9531'-32' @ 3 SPF @ 120 DEG PHASING. SWI.

**09-29-2011**      **Reported By**      MCCURDY

<b>DailyCosts: Drilling</b>	\$0	<b>Completion</b>	\$783	<b>Daily Total</b>	\$783
<b>Cum Costs: Drilling</b>	\$769,675	<b>Completion</b>	\$192,246	<b>Well Total</b>	\$961,921

<b>MD</b>	9,740	<b>TVD</b>	9,667	<b>Progress</b>	0	<b>Days</b>	15	<b>MW</b>	0.0	<b>Visc</b>	0.0
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<b>Formation : MESAVERDE</b>	<b>PBTD : 9681.0</b>	<b>Perf : 8575-9532</b>	<b>PKR Depth : 0.0</b>
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**Activity at Report Time: FRAC**

Start	End	Hrs	From	To	Activity Description
06:00	06:00	24.0	0	0	FRAC TANKS PRE MIXED W/ BIOCID (BE 6) @ 3# PER TANK.  STAGE 1. MIRU CUTTERS WIRELINE & RU WIDE SPREAD PUMP 110 GAL OF NALCO EC 6652A SCALE INHIBITOR PLUS 5 BBLS FRESH WATER. MIRU HALLIBURTON, FRAC DOWN CASING W/15 GAL BIOCID (ALDICIDE G @ 2GPT), 730 GAL 16# LINEAR PAD, 7372 GAL 16# LINEAR W/9500# 20/40 SAND @ 1-1.5 PPG, 25024 GAL 16# DELTA 200 W/84600# 20/40 SAND @ 2-5 PPG. MTP 5837 PSIG. MTR 49.7 BPM. ATP 4511 PSIG. ATR 49.1 BPM. ISIP 3009 PSIG. RD HALLIBURTON.  STAGE 2. RUWL. SET 6K CFP AT 9200'. PERFORATE MPR/LPR FROM 8930-31, 8960'-61', 8970'-71', 9000'-01', 9010'-11', 9036'-37', 9053'-54', 9067'-68', 9081'-82', 9126'-27', 9152'-53', 9175'-76' @ 3 SPF & 120 DEGREE PHASING. RDWL. RU WIDE SPREAD PUMP 110 GAL OF NALCO EC 6652A SCALE INHIBITOR PLUS 5 BBLS FRESH WATER. RU HALLIBURTON, FRAC DOWN CASING W/15 GAL BIOCID (ALDICIDE G @ 2GPT), 791 GAL 16# LINEAR PAD, 7344 GAL 16# LINEAR W/9500# 20/40 SAND @ 1-1.5 PPG, 38176 GAL 16# DELTA 200 W/132300# 20/40 SAND @ 2-5 PPG. MTP 5534 PSIG. MTR 51.9 BPM. ATP 4418 PSIG. ATR 50.1 BPM. ISIP 3258 PSIG. RD HALLIBURTON.  STAGE 3. RUWL. SET 6K CFP AT 8900'. PERFORATE MPR FROM 8575'-76', 8589'-90', 8631'-32', 8664'-65', 8688'-89', 8704'-05', 8731'-32', 8783'-84', 8794'-95', 8817'-18', 8851'-52', 8877'-78' @ 3 SPF & 120 DEGREE PHASING. RDWL. RU WIDE SPREAD PUMP 110 GAL OF NALCO EC 6652A SCALE INHIBITOR PLUS 5 BBLS FRESH WATER. RU HALLIBURTON, FRAC DOWN CASING W/15 GAL BIOCID (ALDICIDE G @ 2GPT), 601 GAL 16# LINEAR PAD, 7404 GAL 16# LINEAR W/9500# 20/40 SAND @ 1-1.5 PPG, 77579 GAL 16# DELTA 200 W/272300# 20/40 SAND @ 2-5 PPG. MTP 5487 PSIG. MTR 50.4 BPM. ATP 3965 PSIG. ATR 49.7 BPM. ISIP 2620 PSIG. RD HALLIBURTON. SWIFN.

**09-30-2011**      **Reported By**      MCCURDY

<b>DailyCosts: Drilling</b>	\$0	<b>Completion</b>	\$383,439	<b>Daily Total</b>	\$383,439
<b>Cum Costs: Drilling</b>	\$769,675	<b>Completion</b>	\$575,685	<b>Well Total</b>	\$1,345,361

<b>MD</b>	9,740	<b>TVD</b>	9,667	<b>Progress</b>	0	<b>Days</b>	16	<b>MW</b>	0.0	<b>Visc</b>	0.0
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<b>Formation : MESAVERDE</b>	<b>PBTD : 9681.0</b>	<b>Perf : 7440-9532</b>	<b>PKR Depth : 0.0</b>
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**Activity at Report Time: POST FRAC CLEAN OUT**

Start	End	Hrs	From	To	Activity Description
06:00	06:00	24.0	0	0	STAGE 4. INTIAL PRESSURE 2070 PSIG. RUWL. SET 6K CFP AT 8560'. PERFORATE MPR FROM 8364'-65', 8370'-71', 8379'-80', 8398'-99', 8417'-18', 8442'-43', 8465'-66', 8485'-86', 8494'-95', 8508'-09', 8526'-27', 8547'-48' @ 3 SPF & 120 DEGREE PHASING. RDWL. RU WIDE SPREAD PUMP 110 GAL OF NALCO EC 6652A SCALE INHIBITOR PLUS 5 BBLS FRESH WATER. RU HALLIBURTON, FRAC DOWN CASING W/15 GAL BIOCID (ALDICIDE G @ 2GPT), 390 GAL 16# LINEAR PAD, 7354 GAL 16# LINEAR W/9500# 20/40 SAND @ 1-1.5 PPG, 46656 GAL 16# DELTA 200 W/162900# 20/40 SAND @ 2-5 PPG. MTP 4834 PSIG. MTR 50.4 BPM. ATP 3904 PSIG. ATR 50.1 BPM. ISIP 2920 PSIG. RD HALLIBURTON.

STAGE 5. RUWL. SET 6K CFP AT 8360'. PERFORATE UPR/MPR FROM 8107'-08', 8122'-23', 8143'-44', 8192'-93', 8214'-15', 8228'-29', 8238'-39', 8273'-74', 8306'-07', 8330'-31', 8344'-45', 8348'-49' @ 3 SPF & 120 DEGREE PHASING. RDWL. RU WIDE SPREAD PUMP 110 GAL OF NALCO EC 6652A SCALE INHIBITOR PLUS 5 BBLS FRESH WATER. RU HALLIBURTON, FRAC DOWN CASING W/15 GAL BIOCID (ALDICIDE G @ 2GPT), 991 GAL 16# LINEAR PAD, 7389 GAL 16# LINEAR W/9500# 20/40 SAND @ 1-1.5 PPG, 37194 GAL 16# DELTA 200 W/129000# 20/40 SAND @ 2-5 PPG. MTP 5718 PSIG. MTR 50.8 BPM. ATP 4975 PSIG. ATR 48.1 BPM. ISIP 3089 PSIG. RD HALLIBURTON.

STAGE 6. RUWL. SET 6K CFP AT 8090'. PERFORATE UPR FROM 7814'-15', 7829'-30', 7843'-44', 7857'-58', 7869'-70', 7888'-89', 7926'-27', 7945'-46', 7977'-78', 8034'-35', 8061'-62', 8074'-75' @ 3 SPF & 120 DEGREE PHASING. RDWL. RU WIDE SPREAD PUMP 110 GAL OF NALCO EC 6652A SCALE INHIBITOR PLUS 5 BBLS FRESH WATER. RU HALLIBURTON, FRAC DOWN CASING W/15 GAL BIOCID (ALDICIDE G @ 2GPT), 1128 GAL 16# LINEAR PAD, 7400 GAL 16# LINEAR W/9500# 20/40 SAND @ 1-1.5 PPG, 39852 GAL 16# DELTA 200 W/139200# 20/40 SAND @ 2-5 PPG. MTP 5555 PSIG. MTR 52.7 BPM. ATP 4269 PSIG. ATR 49.5 BPM. ISIP 2861 PSIG. RD HALLIBURTON.

STAGE 7. RUWL. SET 6K CFP AT 7810'. PERFORATE UPR FROM 7642'-43', 7650'-51', 7675'-76', 7680'-81', 7686'-87', 7713'-14', 7730'-31', 7742'-43', 7771'-72', 7787'-88', 7792'-93', (7799'-800' SKIPPED) @ 3 SPF & 120 DEGREE PHASING. RDWL. RU WIDE SPREAD PUMP 110 GAL OF NALCO EC 6652A SCALE INHIBITOR PLUS 5 BBLS FRESH WATER. RU HALLIBURTON, FRAC DOWN CASING W/15 GAL BIOCID (ALDICIDE G @ 2GPT), 1128 GAL 16# LINEAR PAD, 7425 GAL 16# LINEAR W/9500# 20/40 SAND @ 1-1.5 PPG, 24259 GAL 16# DELTA 200 W/82500# 20/40 SAND @ 2-5 PPG. MTP 5051 PSIG. MTR 51.1 BPM. ATP 4090 PSIG. ATR 50.8 BPM. ISIP 2614 PSIG. RD HALLIBURTON.

STAGE 8. RUWL. SET 6K CFP AT 7636'. PERFORATE UPR FROM 7440'-41', 7450'-51', 7484'-85', 7506'-07', 7513'-14', 7516'-17', 7547'-48', 7572'-73', 7588'-89', 7604'-05', 7620'-21', 7624'-25' @ 3 SPF & 120 DEGREE PHASING. RDWL. RU WIDE SPREAD PUMP 110 GAL OF NALCO EC 6652A SCALE INHIBITOR PLUS 5 BBLS FRESH WATER. RU HALLIBURTON, FRAC DOWN CASING W/15 GAL BIOCID (ALDICIDE G @ 2GPT), 380 GAL 16# LINEAR PAD, 8775 GAL 16# LINEAR W/10900# 20/40 SAND @ 1-1.5 PPG, 37031 GAL 16# DELTA 200 W/127500# 20/40 SAND @ 2-5 PPG. MTP 4953 PSIG. MTR 51.1 BPM. ATP 4026 PSIG. ATR 50.9 BPM. ISIP 2450 PSIG. RD HALLIBURTON.

RUWL. SET 6K CBP AT 7401'. BLED WELL TO 0 PSIG. RDMO CUTTERS WIRELINE & HALIBURTON SERVICES. SDFN.

10-07-2011		Reported By		BAUSCH							
DailyCosts: Drilling		\$0		Completion		\$27,202		Daily Total		\$27,202	
Cum Costs: Drilling		\$769,675		Completion		\$602,887		Well Total		\$1,372,563	
MD	9,740	TVD	9,667	Progress	0	Days	17	MW	0.0	Visc	0.0
Formation : MESAVERDE			PBTD : 9681.0			Perf : 7440-9532			PKR Depth : 0.0		
Activity at Report Time: MIRUSU. PU TBG. PREP TO D/O PLUGS.											
Start	End	Hrs	From	To	Activity Description						
07:00	18:00	11.0	0	0	MIRUSU. ND FRAC VALVES. NU BOPE. MU BIT ASSEMBLY. TALLY AND PU TBG. RIH TAGGED KP @ 7401'. RU DRILLING EQUIPMENT. SIFN.						

10-08-2011		Reported By		BAUSCH							
DailyCosts: Drilling		\$0		Completion		\$58,425		Daily Total		\$58,425	
Cum Costs: Drilling		\$769,675		Completion		\$661,312		Well Total		\$1,430,988	
MD	9,740	TVD	9,667	Progress	0	Days	18	MW	0.0	Visc	0.0
Formation : MESAVERDE			PBTD : 9681.0			Perf : 7440-9532			PKR Depth : 0.0		
Activity at Report Time: D/O PLUGS. LAND TBG. RDMOSU. FLOW TEST.											



Start	End	Hrs	From	To	Activity Description
07:00	06:00	23.0	0	0	SICP 0 PSIG. CLEANED OUT & DRILLED OUT PLUGS @ 7401', 7636', 7810', 8070', 8360', 8560', 8900' & 9200'. RIH. CLEANED OUT TO PBTD @ 9580'. LANDED TBG AT 8061.60' KB. ND BOPE. NU TREE. PUMPED OFF BIT & SUB. RDMOSU.
					TUBING DETAIL
					LENGTH
					PUMP OFF SUB
					1.00'
					1 JT 2-3/8 4.7# L-80 TBG 32.51'
					XN NIPPLE
					1.30' @ 8027'
					246 JTS 2-3/8 4.7# L-80 TBG
					8007.79'
					BELOW KB
					19.00'
					LANDED @
					8061.60' KB
					FLOWED 11 HRS. 24/64 CHOKE. FTP- 1500 PSIG, CP- 2350 PSIG. 45 BFPH. RECOVERED 530 BBLs, 9978 BLWTR. 1.8 MCF.

**10-09-2011**      **Reported By**      BAUSCH

**Daily Costs: Drilling**      \$0      **Completion**      \$2,280      **Daily Total**      \$2,280

**Cum Costs: Drilling**      \$769,675      **Completion**      \$663,592      **Well Total**      \$1,433,268

**MD**      9,740      **TVD**      9,667      **Progress**      0      **Days**      19      **MW**      0.0      **Visc**      0.0

**Formation : MESAVERDE**      **PBTD : 9681.0**      **Perf : 7440-9532**      **PKR Depth : 0.0**

**Activity at Report Time:** FLOW TO SALES THROUGH TEST UNIT.

Start	End	Hrs	From	To	Activity Description
06:00	06:00	24.0	0	0	FLOWED 19 HRS. 24/64 CHOKE. FTP- 1300 PSIG, CP- 2000 PSIG. 37 BFPH. RECOVERED 727 BBLs, 9251 BLWTR. 1.7 MCF.

**10-10-2011**      **Reported By**      BAUSCH

**Daily Costs: Drilling**      \$0      **Completion**      \$2,280      **Daily Total**      \$2,280

**Cum Costs: Drilling**      \$769,675      **Completion**      \$665,872      **Well Total**      \$1,435,548

**MD**      9,740      **TVD**      9,667      **Progress**      0      **Days**      20      **MW**      0.0      **Visc**      0.0

**Formation : MESAVERDE**      **PBTD : 9681.0**      **Perf : 7440-9532**      **PKR Depth : 0.0**

**Activity at Report Time:** FLOW TO SALES THROUGH TEST UNIT.

Start	End	Hrs	From	To	Activity Description
06:00	06:00	24.0	0	0	FLOWED 13 HRS. 24/64 CHOKE. FTP- 1125 PSIG, CP- 1900 PSIG. 29 BFPH. RECOVERED 381 BBLs, 8870 BLWTR. 1.5 MCF.

**10-11-2011**      **Reported By**      BAUSCH

**Daily Costs: Drilling**      \$0      **Completion**      \$2,280      **Daily Total**      \$2,280

**Cum Costs: Drilling**      \$769,675      **Completion**      \$668,152      **Well Total**      \$1,437,828

**MD**      9,740      **TVD**      9,667      **Progress**      0      **Days**      21      **MW**      0.0      **Visc**      0.0

**Formation : MESAVERDE**      **PBTD : 9681.0**      **Perf : 7440-9532**      **PKR Depth : 0.0**

**Activity at Report Time:** FLOW TEST

Start	End	Hrs	From	To	Activity Description
06:00	06:00	24.0	0	0	FLOWED 20 HRS. 24/64" CHOKE. FTP 950 PSIG, CP 1600 PSIG. 25 BFPH. RECOVERED 533 BBLs, 8337 BLWTR. 1.4 MCF.

UNITED STATES  
DEPARTMENT OF THE INTERIOR  
BUREAU OF LAND MANAGEMENT

FORM APPROVED  
OMB No. 1004-0137  
Expires: July 31, 2010

**WELL COMPLETION OR RECOMPLETION REPORT AND LOG**

5. Lease Serial No.  
UTU0283A

1a. Type of Well ☐ Oil Well ☒ Gas Well ☐ Dry ☐ Other  
b. Type of Completion ☒ New Well ☐ Work Over ☐ Deepen ☐ Plug Back ☐ Diff. Resvr.  
Other \_\_\_\_\_

6. If Indian, Allottee or Tribe Name

7. Unit or CA Agreement Name and No.  
CHAPITA WELLS UNI

2. Name of Operator  
EOG RESOURCES, INC  
Contact: NANETTE H LUPCHO  
E-Mail: nanette\_lupcho@eogresources.com

8. Lease Name and Well No.  
CHAPITA WELLS UNIT 1433-22D

3. Address 1060 EAST HWY 40  
VERNAL, UT 84078

3a. Phone No. (include area code)  
Ph: 435-781-9157

9. API Well No.  
43-047-50319

4. Location of Well (Report location clearly and in accordance with Federal requirements)\*  
Sec 22 T9S R22E Mer SLB  
At surface NENW 366FNL 2128FWL 40.027728 N Lat, 109.427911 W Lon  
Sec 15 T9S R22E Mer SLB  
At top prod interval reported below SESW 188FSL 1953FWL 40.029247 N Lat, 109.428539 W Lon  
Sec 15 T9S R22E Mer SLB  
At total depth SESW 188FSL 1953FWL 40.029247 N Lat, 109.428539 W Lon bhl by HSM

10. Field and Pool, or Exploratory  
NATURAL BUTTES

11. Sec., T., R., M., or Block and Survey  
or Area Sec 22 T9S R22E Mer SLB

12. County or Parish  
UINTAH

13. State  
UT

14. Date Spudded  
04/18/2011

15. Date T.D. Reached  
08/18/2011

16. Date Completed  
☐ D & A ☒ Ready to Prod.  
10/07/2011

17. Elevations (DF, KB, RT, GL)\*  
4901 GL

18. Total Depth: MD 9740  
TVD 9668

19. Plug Back T.D.: MD 9681  
TVD 9618

20. Depth Bridge Plug Set: MD  
TVD

21. Type Electric & Other Mechanical Logs Run (Submit copy of each)  
CBL/CCL/VDL/GR

22. Was well cored? ☒ No ☐ Yes (Submit analysis)  
Was DST run? ☒ No ☐ Yes (Submit analysis)  
Directional Survey? ☐ No ☒ Yes (Submit analysis)

**23. Casing and Liner Record (Report all strings set in well)**

Hole Size	Size/Grade	Wt. (#/ft.)	Top (MD)	Bottom (MD)	Stage Cementer Depth	No. of Sk. & Type of Cement	Slurry Vol. (BBL)	Cement Top*	Amount Pulled
12.250	9.625 K-55	36.0	0	2387		750		0	
7.875	4.500 N-80	11.6	0	9729		1850		1320	

**24. Tubing Record**

Size	Depth Set (MD)	Packer Depth (MD)	Size	Depth Set (MD)	Packer Depth (MD)	Size	Depth Set (MD)	Packer Depth (MD)
2.375	8062							

**25. Producing Intervals**

**26. Perforation Record**

Formation	Top	Bottom	Perforated Interval	Size	No. Holes	Perf. Status
A) MESAVERDE	7440	9532	9250 TO 9532		36	OPEN
B)			8930 TO 9176		36	OPEN
C)			8575 TO 8878		36	OPEN
D)			8364 TO 8548		36	OPEN

**27. Acid, Fracture, Treatment, Cement Squeeze, Etc.**

Depth Interval	Amount and Type of Material
9250 TO 9532	33,251 GALS OF GELLED WATER & 94,100# 20/40 SAND
8930 TO 9176	46,436 GALS OF GELLED WATER & 141,800# 20/40 SAND
8575 TO 8878	85,709 GALS OF GELLED WATER & 281,800# 20/40 SAND
8364 TO 8548	54,525 GALS OF GELLED WATER & 172,400# 20/40 SAND

**28. Production - Interval A**

Date First Produced	Test Date	Hours Tested	Test Production	Oil BBL	Gas MCF	Water BBL	Oil Gravity Corr. API	Gas Gravity	Production Method
10/07/2011	10/25/2011	24	→	33.0	694.0	108.0			FLows FROM WELL
Choke Size	Tbg. Press. Flwg. SI	Csg. Press.	24 Hr. Rate	Oil BBL	Gas MCF	Water BBL	Gas:Oil Ratio	Well Status	
24/64	SI	740.0	→	33	694	108		PGW	

**28a. Production - Interval B**

Date First Produced	Test Date	Hours Tested	Test Production	Oil BBL	Gas MCF	Water BBL	Oil Gravity Corr. API	Gas Gravity	Production Method
			→						
Choke Size	Tbg. Press. Flwg. SI	Csg. Press.	24 Hr. Rate	Oil BBL	Gas MCF	Water BBL	Gas:Oil Ratio	Well Status	
	SI		→						

(See Instructions and spaces for additional data on reverse side)

ELECTRONIC SUBMISSION #126133 VERIFIED BY THE BLM WELL INFORMATION SYSTEM

\*\* OPERATOR-SUBMITTED \*\* OPERATOR-SUBMITTED \*\* OPERATOR-SUBMITTED

RECEIVED  
DEC 21 2011  
DIV. OF OIL GAS & MINING

## 28b. Production - Interval C

Date First Produced	Test Date	Hours Tested	Test Production	Oil BBL	Gas MCF	Water BBL	Oil Gravity Corr. API	Gas Gravity	Production Method
			→						
Choke Size	Tbg. Press. Flwg. SI	Csg. Press.	24 Hr. Rate	Oil BBL	Gas MCF	Water BBL	Gas:Oil Ratio	Well Status	
			→						

## 28c. Production - Interval D

Date First Produced	Test Date	Hours Tested	Test Production	Oil BBL	Gas MCF	Water BBL	Oil Gravity Corr. API	Gas Gravity	Production Method
			→						
Choke Size	Tbg. Press. Flwg. SI	Csg. Press.	24 Hr. Rate	Oil BBL	Gas MCF	Water BBL	Gas:Oil Ratio	Well Status	
			→						

29. Disposition of Gas(Sold, used for fuel, vented, etc.)  
CAPTURED

## 30. Summary of Porous Zones (Include Aquifers):

Show all important zones of porosity and contents thereof: Cored intervals and all drill-stem tests, including depth interval tested, cushion used, time tool open, flowing and shut-in pressures and recoveries.

## 31. Formation (Log) Markers

Formation	Top	Bottom	Descriptions, Contents, etc.	Name	Top Meas. Depth
MESAVERDE	7440	9532		GREEN RIVER BIRDS NEST MAHOGANY UTELAND BUTTE WASATCH CHAPITA WELLS BUCK CANYON PRICE RIVER	1517 1861 2473 4796 4918 5521 6209 7428

32. Additional remarks (include plugging procedure):  
Please see Attachment for Additional Remarks

## 33. Circle enclosed attachments:

- |   |                    |               |                       |
|---|--------------------|---------------|-----------------------|
| 1. Electrical/Mechanical Logs (1 full set req'd.)     | 2. Geologic Report | 3. DST Report | 4. Directional Survey |
| 5. Sundry Notice for plugging and cement verification | 6. Core Analysis   | 7 Other:      |                       |

## 34. I hereby certify that the foregoing and attached information is complete and correct as determined from all available records (see attached instructions):

**Electronic Submission #126133 Verified by the BLM Well Information System.  
For EOG RESOURCES, INC, sent to the Vernal**

Name (please print) NANETTE H LUPCHOTitle REGULATORY ASSISTANT

Signature \_\_\_\_\_ (Electronic Submission)

Date 12/19/2011

Title 18 U.S.C. Section 1001 and Title 43 U.S.C. Section 1212, make it a crime for any person knowingly and willfully to make to any department or agency of the United States any false, fictitious or fraudulent statements or representations as to any matter within its jurisdiction.

**\*\* ORIGINAL \*\* ORIGINAL \*\* ORIGINAL \*\* ORIGINAL \*\* ORIGINAL \*\* ORIGINAL \*\* ORIGINAL \*\***

**Chapita Wells Unit 1433-22D - ADDITIONAL REMARKS (CONTINUED):**

**43. PERFORATION RECORD**

8107-8349	36 Holes
7814-8075	36 Holes
7642-7793	36 Holes
7440-7625	36 Holes

**44. ACID, FRACTURE TREATMENT, CEMENT SQUEEZE, ETC.**

8107-8349	45,699 GALS OF GELLED WATER & 138,500# 20/40 SAND
7814-8075	48,505 GALS OF GELLED WATER & 148,700# 20/40 SAND
7642-7793	32,937 GALS OF GELLED WATER & 92,000# 20/40 SAND
7440-7625	46,311 GALS OF GELLED WATER & 138,400# 20/40 SAND

**52. FORMATION (LOG) MARKERS**

Middle Price River	8275
Lower Price River	9058
Sego	9576

**STATE OF UTAH**  
DEPARTMENT OF NATURAL RESOURCES  
DIVISION OF OIL, GAS AND MINING

FORM 7

**REPORT OF WATER ENCOUNTERED DURING DRILLING**

Well name and number: CWU 1433-22D

API number: 4304750319

Well Location: QQ NENW Section 22 Township 9S Range 22E County UINTAH

Well operator: EOG

Address: 1060 E HWY 40

city VERNAL state UT zip 84078

Phone: (435) 781-9111

Drilling contractor: CRAIGS ROUSTABOUT SERVICE

Address: PO BOX 41

city JENSEN state UT zip 84035

Phone: (435) 781-1366

Water encountered (attach additional pages as needed):

DEPTH		VOLUME (FLOW RATE OR HEAD)	QUALITY (FRESH OR SALTY)
FROM	TO		
		NO WATER	

Formation tops:	1	2	3
(Top to Bottom)			
	4	5	6
	7	8	9
	10	11	12

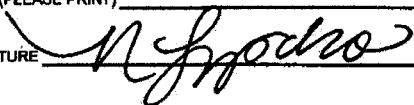
If an analysis has been made of the water encountered, please attach a copy of the report to this form.

I hereby certify that this report is true and complete to the best of my knowledge.

NAME (PLEASE PRINT) Nanette Lupcho

TITLE Regulatory Assistant

SIGNATURE



DATE

12-5-11



## **Survey Certification Sheet**

**Company: EOG Resources**  
**API # 43-047-50319**  
**Well Name: Chapita Well Unit #1433-22D**  
**SURFACE LOCATION**  
**Uintah County, Utah**  
**Sec. 22-T9S-R22E**  
**366' From North Line, 2128' From West Line**  
**BOTTOM HOLE LOCATION @**  
**9740' Measured Depth**  
**9667.46' True Vertical Depth**  
**552.72' North, -174.96' West from Surface Location**  
**Crescent Job Number: CA 11337 and CA-11578**

**Surveyed from a depth of 0.0' - 9740' MD**  
**Type of survey: Crescent MWD (Measurement While Drilling)**  
**Last Survey Date: August 18, 2011**  
**Directional Supervisor: John Stringfellow**

To whom it may concern,  
I attached surveys in pdf format of the Chapita Well Unit 1433-22D well.

The data and calculations for this survey have been checked by me and conform to the standards and procedures set forth by Crescent Directional Drilling.  
This report represents a true and correct Directional Survey of this well based on the original data obtained at the well site. Wellbore Coordinates are calculated using minimum curvature.

A handwritten signature in black ink, appearing to read "John Stringfellow", is written in a cursive style.

**John Stringfellow**  
**Directional Coordinator**  
**Rocky Mtn. Region**  
**Crescent Directional Drilling**  
**Off. (307)266-6500**  
**Cell. (307)259-7827**



EOG Resources

Uintah County Utah

Chapita Well Unit 1425-1434

True #34 @ 4919.0ft (RKB Elev.)

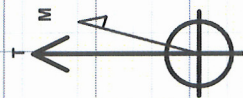
Ground Level 4900.0

Utah Central 4302

NAD 1927 (NADCON CONUS)

Magnetic North is 11.07° East of True North (Magnetic Declination)

Azimuths to True North  
Magnetic North: 11.07°  
Magnetic Field  
Strength: 52370.3nT  
Dip Angle: 65.91°  
Date: 2011/04/15  
Model: IGRF2010



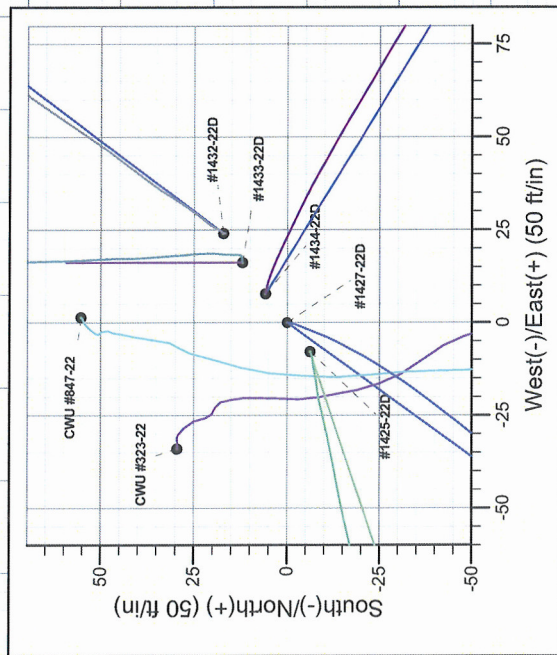
Wasatch Top -50' 1432

Wasatch Top -50' 1433

Wasatch Top -50' #1425

Wasatch Top -50' 1427

Wasatch Top -50' 1434



Chapita Well Unit 1425-1434

West(-)/East(+) (200 ft/in)

1100

1000

900

800

700

600

500

400

300

200

100

0

-100

-200

-300

-400

-500

-600

-700

-800

-900

-1000





EOG Resources  
Uintah County Utah  
Chapita Well Unit 1425-1434  
#1433-22D REVISED  
Latitude 40° 1' 39.950 N  
Longitude 109° 25' 38.021 W  
True #34 @ 4919.0ft (RKB Elev.)  
Ground Level 4900.0  
Utah Central 4302  
NAD 1927 (NADCON CONUS)  
Magnetic North is 11.07° East of True North (Magnetic Declination)

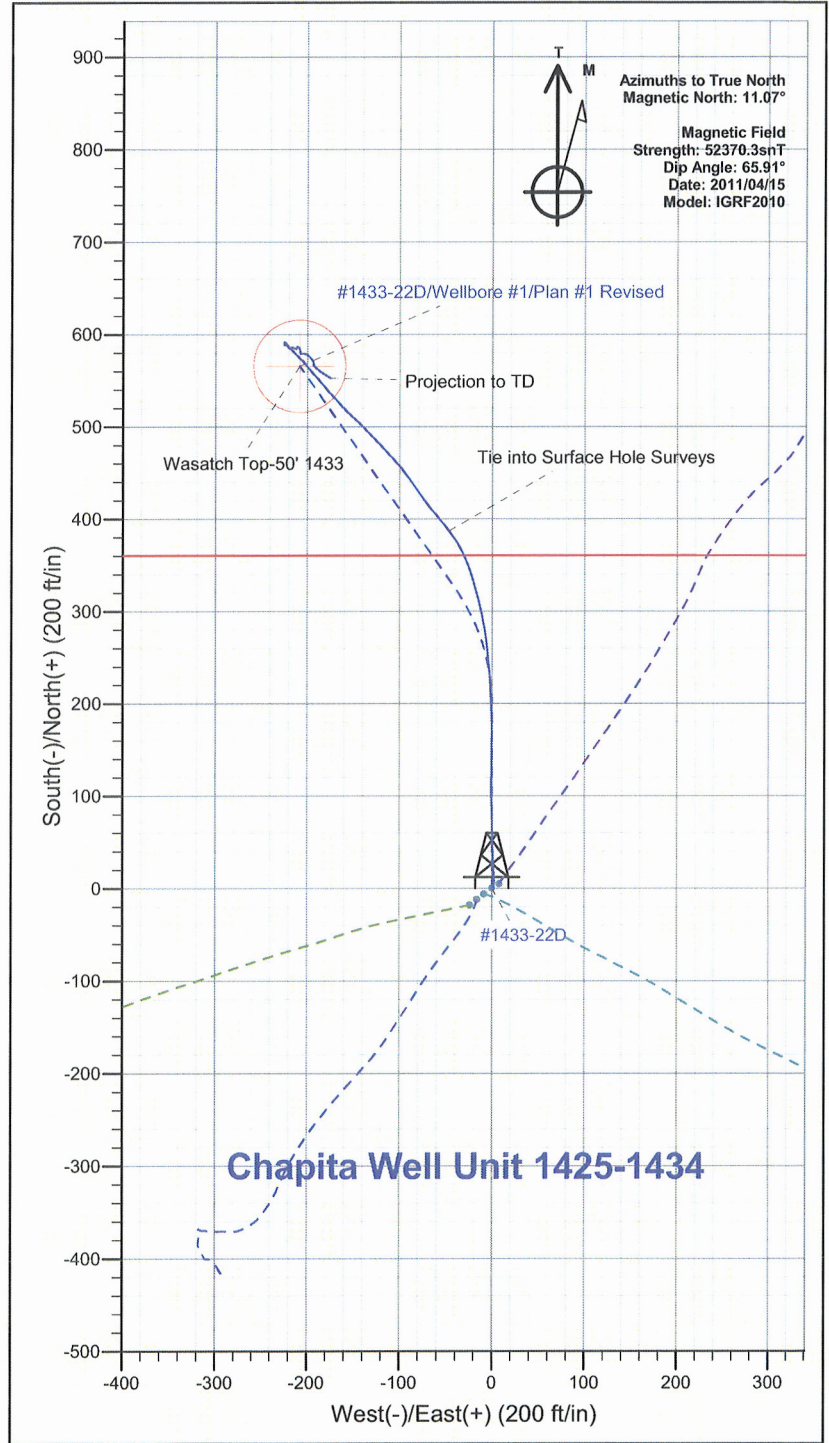
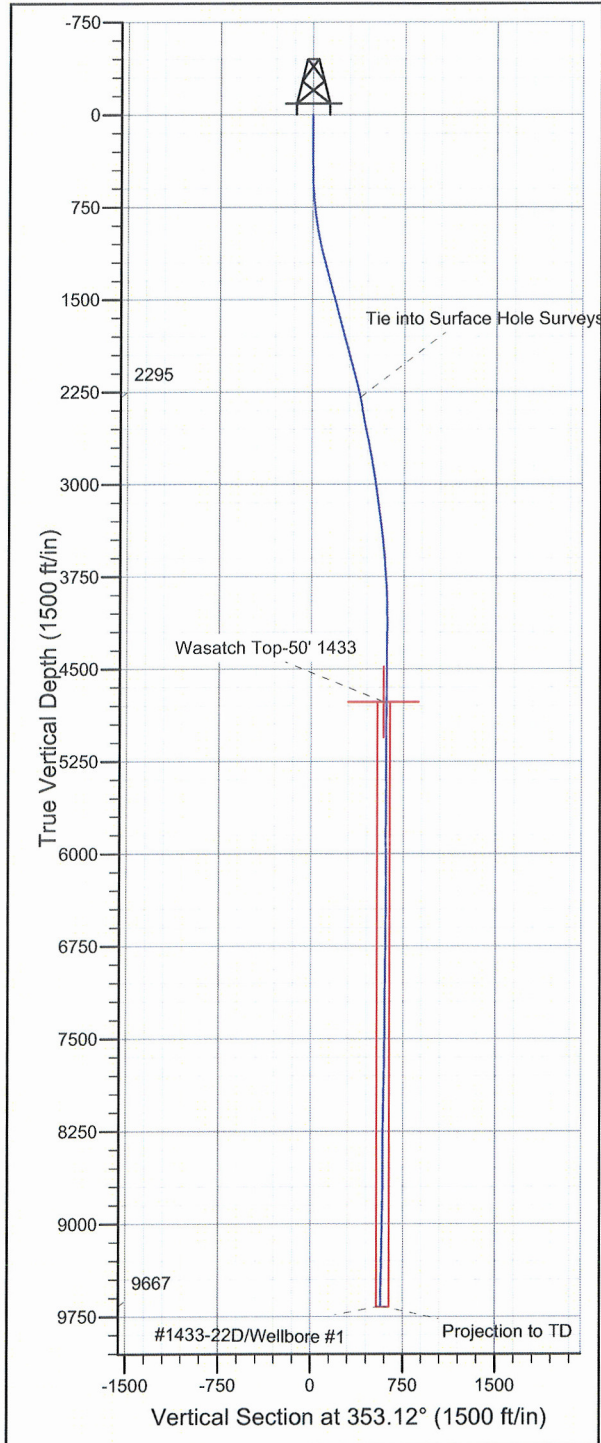


#### ANNOTATIONS

TVD	MD	Annotation
2294.6	2342.0	Tie into Surface Hole Surveys
9667.5	9740.0	Projection to TD

#### WELLBORE TARGET DETAILS

Name	TVD	+N/-S	+E/-W	Shape
Wasatch Top-50' 1433	4768.0	565.7	-208.3	Circle (Radius: 50.0)





## **EOG Resources**

**Uintah County Utah**

**Chapita Well Unit 1425-1434**

**#1433-22D**

**Wellbore #1**

**Design: Wellbore #1**

## **Standard Survey Report**

**14 November, 2011**



**Company:** EOG Resources  
**Project:** Uintah County Utah  
**Site:** Chapita Well Unit 1425-1434  
**Well:** #1433-22D  
**Wellbore:** Wellbore #1  
**Design:** Wellbore #1

**Local Co-ordinate Reference:** Well #1433-22D  
**TVD Reference:** True #34 @ 4919.0ft (RKB Elev.)  
**MD Reference:** True #34 @ 4919.0ft (RKB Elev.)  
**North Reference:** True  
**Survey Calculation Method:** Minimum Curvature  
**Database:** EDM 2003.16 Single User Db

**Project** Uintah County Utah

**Map System:** US State Plane 1927 (Exact solution)  
**Geo Datum:** NAD 1927 (NADCON CONUS)  
**Map Zone:** Utah Central 4302

**System Datum:** Mean Sea Level

**Site** Chapita Well Unit 1425-1434

**Site Position:** Northing: 623,864.65 ft Latitude: 40° 1' 39.770 N  
**From:** Lat/Long Easting: 2,580,362.99 ft Longitude: 109° 25' 38.330 W  
**Position Uncertainty:** 0.0 ft Slot Radius: " Grid Convergence: 1.33 °

**Well** #1433-22D

**Well Position** +N/-S 0.0 ft Northing: 623,883.40 ft Latitude: 40° 1' 39.950 N  
+/-E/-W 0.0 ft Easting: 2,580,386.64 ft Longitude: 109° 25' 38.021 W  
**Position Uncertainty** 0.0 ft Wellhead Elevation: ft Ground Level: 4,900.0 ft

**Wellbore** Wellbore #1

Magnetics	Model Name	Sample Date	Declination (°)	Dip Angle (°)	Field Strength (nT)
	IGRF2010	2011/04/15	11.07	65.91	52,370

**Design** Wellbore #1

**Audit Notes:**

**Version:** 1.0 **Phase:** ACTUAL **Tie On Depth:** 0.0

Vertical Section:	Depth From (TVD) (ft)	+N/-S (ft)	+E/-W (ft)	Direction (°)
	0.0	0.0	0.0	353.12

**Survey Program** Date 2011/11/11

From (ft)	To (ft)	Survey (Wellbore)	Tool Name	Description
334.0	2,342.0	Surface Hole Surveys (Wellbore #1)	MWD	MWD - Standard
2,420.0	9,740.0	7 7/8 Hole Surveys (Wellbore #1)	Gyro	Gyro

**Survey**

Measured Depth (ft)	Inclination (°)	Azimuth (°)	Vertical Depth (ft)	+N/-S (ft)	+E/-W (ft)	Vertical Section (ft)	Dogleg Rate (°/100ft)	Build Rate (°/100ft)	Turn Rate (°/100ft)
0.0	0.00	0.00	0.0	0.0	0.0	0.0	0.00	0.00	0.00
334.0	0.50	82.50	334.0	0.2	1.4	0.0	0.15	0.15	0.00
364.0	0.50	34.40	364.0	0.3	1.6	0.1	1.36	0.00	-160.33
394.0	0.50	72.90	394.0	0.5	1.8	0.2	1.10	0.00	128.33
424.0	0.50	359.60	424.0	0.6	2.0	0.4	1.99	0.00	-244.33
454.0	1.10	10.70	454.0	1.0	2.0	0.8	2.06	2.00	37.00
484.0	1.40	0.20	484.0	1.7	2.1	1.4	1.25	1.00	-35.00
514.0	1.60	0.90	514.0	2.5	2.1	2.2	0.67	0.67	2.33
544.0	2.00	2.90	544.0	3.4	2.1	3.1	1.35	1.33	6.67
574.0	2.60	0.60	573.9	4.6	2.2	4.3	2.02	2.00	-7.67
604.0	3.40	7.30	603.9	6.2	2.3	5.9	2.91	2.67	22.33
634.0	4.20	1.90	633.8	8.2	2.4	7.8	2.92	2.67	-18.00

**Company:** EOG Resources  
**Project:** Uintah County Utah  
**Site:** Chapita Well Unit 1425-1434  
**Well:** #1433-22D  
**Wellbore:** Wellbore #1  
**Design:** Wellbore #1

**Local Co-ordinate Reference:** Well #1433-22D  
**TVD Reference:** True #34 @ 4919.0ft (RKB Elev.)  
**MD Reference:** True #34 @ 4919.0ft (RKB Elev.)  
**North Reference:** True  
**Survey Calculation Method:** Minimum Curvature  
**Database:** EDM 2003.16 Single User Db

**Survey**

Measured Depth (ft)	Inclination (°)	Azimuth (°)	Vertical Depth (ft)	+N/-S (ft)	+E/-W (ft)	Vertical Section (ft)	Dogleg Rate (°/100ft)	Build Rate (°/100ft)	Turn Rate (°/100ft)
664.0	4.30	357.10	663.7	10.4	2.4	10.0	1.23	0.33	-16.00
694.0	5.20	354.80	693.6	12.9	2.2	12.5	3.07	3.00	-7.67
724.0	5.80	354.60	723.5	15.7	2.0	15.4	2.00	2.00	-0.67
754.0	6.40	356.70	753.3	18.9	1.7	18.6	2.13	2.00	7.00
784.0	6.50	356.10	783.1	22.3	1.5	21.9	0.40	0.33	-2.00
814.0	7.40	355.10	812.9	25.9	1.2	25.6	3.03	3.00	-3.33
844.0	8.00	359.40	842.7	29.9	1.0	29.6	2.77	2.00	14.33
874.0	8.70	0.10	872.3	34.3	1.0	33.9	2.36	2.33	2.33
904.0	9.20	355.60	902.0	38.9	0.8	38.5	2.87	1.67	-15.00
934.0	9.70	357.70	931.6	43.8	0.6	43.5	2.02	1.67	7.00
964.0	10.30	358.40	961.1	49.0	0.4	48.6	2.04	2.00	2.33
994.0	10.90	358.30	990.6	54.6	0.2	54.1	2.00	2.00	-0.33
1,024.0	11.70	0.10	1,020.0	60.4	0.1	60.0	2.91	2.67	6.00
1,054.0	12.40	359.90	1,049.3	66.7	0.1	66.2	2.34	2.33	-0.67
1,084.0	12.70	358.30	1,078.6	73.2	0.0	72.7	1.53	1.00	-5.33
1,114.0	13.30	358.20	1,107.9	80.0	-0.2	79.4	2.00	2.00	-0.33
1,144.0	13.80	359.20	1,137.0	87.0	-0.3	86.4	1.84	1.67	3.33
1,174.0	13.90	358.30	1,166.2	94.2	-0.5	93.5	0.79	0.33	-3.00
1,204.0	14.40	359.00	1,195.2	101.5	-0.7	100.8	1.76	1.67	2.33
1,234.0	15.00	359.90	1,224.3	109.1	-0.7	108.4	2.14	2.00	3.00
1,264.0	15.40	0.60	1,253.2	117.0	-0.7	116.2	1.47	1.33	2.33
1,294.0	15.10	0.90	1,282.2	124.9	-0.6	124.0	1.03	-1.00	1.00
1,324.0	15.20	0.70	1,311.1	132.7	-0.5	131.8	0.38	0.33	-0.67
1,354.0	15.10	0.00	1,340.1	140.5	-0.4	139.6	0.69	-0.33	-2.33
1,384.0	14.90	0.00	1,369.1	148.3	-0.4	147.3	0.67	-0.67	0.00
1,414.0	15.50	0.40	1,398.0	156.2	-0.4	155.1	2.03	2.00	1.33
1,444.0	15.50	0.50	1,426.9	164.2	-0.3	163.1	0.09	0.00	0.33
1,474.0	15.50	359.70	1,455.8	172.2	-0.3	171.0	0.71	0.00	-2.67
1,504.0	15.10	359.60	1,484.8	180.1	-0.4	178.9	1.34	-1.33	-0.33
1,534.0	14.80	359.00	1,513.7	187.9	-0.5	186.6	1.13	-1.00	-2.00
1,564.0	14.90	357.70	1,542.7	195.5	-0.7	194.2	1.16	0.33	-4.33
1,594.0	14.80	356.70	1,571.7	203.2	-1.1	201.9	0.92	-0.33	-3.33
1,624.0	14.90	357.20	1,600.7	210.9	-1.5	209.6	0.54	0.33	1.67
1,654.0	14.80	357.00	1,629.7	218.6	-1.9	217.2	0.37	-0.33	-0.67
1,684.0	14.90	355.80	1,658.7	226.3	-2.3	224.9	1.08	0.33	-4.00
1,714.0	15.00	354.70	1,687.7	234.0	-3.0	232.6	1.00	0.33	-3.67
1,744.0	15.30	354.40	1,716.7	241.8	-3.7	240.5	1.03	1.00	-1.00
1,774.0	15.00	353.90	1,745.6	249.6	-4.5	248.3	1.09	-1.00	-1.67
1,804.0	15.10	354.50	1,774.6	257.3	-5.3	256.1	0.62	0.33	2.00
1,834.0	15.00	353.50	1,803.6	265.1	-6.1	263.9	0.93	-0.33	-3.33
1,864.0	15.30	352.40	1,832.5	272.9	-7.1	271.7	1.38	1.00	-3.67
1,894.0	15.40	349.80	1,861.5	280.7	-8.3	279.7	2.32	0.33	-8.67
1,924.0	15.30	348.70	1,890.4	288.5	-9.8	287.6	1.03	-0.33	-3.67
1,954.0	15.10	348.00	1,919.3	296.2	-11.4	295.4	0.90	-0.67	-2.33
1,984.0	14.90	347.90	1,948.3	303.8	-13.0	303.2	0.67	-0.67	-0.33
2,014.0	14.50	346.10	1,977.3	311.2	-14.7	310.7	2.02	-1.33	-6.00
2,044.0	14.80	345.00	2,006.4	318.6	-16.6	318.3	1.36	1.00	-3.67
2,074.0	15.20	344.30	2,035.3	326.0	-18.7	325.9	1.46	1.33	-2.33
2,104.0	15.20	343.50	2,064.3	333.6	-20.9	333.7	0.70	0.00	-2.67
2,134.0	15.60	341.90	2,093.2	341.2	-23.2	341.5	1.95	1.33	-5.33
2,164.0	15.70	339.10	2,122.1	348.8	-25.9	349.4	2.54	0.33	-9.33
2,194.0	15.20	336.60	2,151.0	356.2	-28.9	357.1	2.78	-1.67	-8.33
2,224.0	14.90	334.90	2,180.0	363.3	-32.1	364.6	1.78	-1.00	-5.67
2,254.0	14.20	331.30	2,209.0	370.1	-35.5	371.7	3.81	-2.33	-12.00

**Company:** EOG Resources  
**Project:** Uintah County Utah  
**Site:** Chapita Well Unit 1425-1434  
**Well:** #1433-22D  
**Wellbore:** Wellbore #1  
**Design:** Wellbore #1

**Local Co-ordinate Reference:** Well #1433-22D  
**TVD Reference:** True #34 @ 4919.0ft (RKB Elev.)  
**MD Reference:** True #34 @ 4919.0ft (RKB Elev.)  
**North Reference:** True  
**Survey Calculation Method:** Minimum Curvature  
**Database:** EDM 2003.16 Single User Db

### Survey

Measured Depth (ft)	Inclination (°)	Azimuth (°)	Vertical Depth (ft)	+N/-S (ft)	+E/-W (ft)	Vertical Section (ft)	Dogleg Rate (°/100ft)	Build Rate (°/100ft)	Turn Rate (°/100ft)
2,284.0	13.50	328.10	2,238.2	376.3	-39.2	378.2	3.46	-2.33	-10.67
2,314.0	13.10	323.90	2,267.3	382.0	-43.0	384.4	3.48	-1.33	-14.00
2,342.0	12.70	323.40	2,294.6	387.0	-46.7	389.8	1.48	-1.43	-1.79
<b>Tie into Surface Hole Surveys</b>									
2,420.0	11.90	319.80	2,370.9	400.0	-57.0	404.0	1.42	-1.03	-4.62
2,451.0	11.50	319.10	2,401.2	404.8	-61.1	409.2	1.37	-1.29	-2.26
2,483.0	11.30	319.80	2,432.6	409.6	-65.2	414.5	0.76	-0.62	2.19
2,513.0	11.70	322.70	2,462.0	414.3	-69.0	419.6	2.34	1.33	9.67
2,545.0	12.00	324.90	2,493.3	419.6	-72.8	425.3	1.69	0.94	6.87
2,575.0	13.00	325.10	2,522.6	424.9	-76.6	431.0	3.34	3.33	0.67
2,607.0	14.30	325.50	2,553.7	431.1	-80.9	437.7	4.07	4.06	1.25
2,640.0	14.60	325.80	2,585.6	437.9	-85.5	445.0	0.94	0.91	0.91
2,670.0	14.20	324.00	2,614.7	444.0	-89.8	451.6	2.00	-1.33	-6.00
2,701.0	13.20	322.90	2,644.8	449.9	-94.2	458.0	3.33	-3.23	-3.55
2,732.0	12.30	321.00	2,675.0	455.3	-98.4	463.8	3.20	-2.90	-6.13
2,764.0	12.20	318.70	2,706.3	460.5	-102.8	469.5	1.56	-0.31	-7.19
2,796.0	12.80	317.50	2,737.6	465.7	-107.4	475.2	2.04	1.87	-3.75
2,828.0	13.00	318.50	2,768.7	471.0	-112.2	481.0	0.94	0.62	3.12
2,859.0	12.70	318.30	2,799.0	476.1	-116.7	486.7	0.98	-0.97	-0.65
2,891.0	11.70	315.40	2,830.3	481.1	-121.4	492.1	3.66	-3.12	-9.06
2,922.0	11.90	315.80	2,860.6	485.6	-125.8	497.2	0.70	0.65	1.29
2,986.0	11.70	316.00	2,923.2	495.0	-134.9	507.6	0.32	-0.31	0.31
3,017.0	10.90	315.40	2,953.6	499.3	-139.1	512.4	2.61	-2.58	-1.94
3,049.0	10.30	314.00	2,985.1	503.5	-143.3	517.0	2.04	-1.87	-4.37
3,080.0	10.20	312.80	3,015.6	507.3	-147.3	521.3	0.76	-0.32	-3.87
3,111.0	10.10	311.90	3,046.1	510.9	-151.4	525.4	0.60	-0.32	-2.90
3,142.0	10.10	315.10	3,076.6	514.7	-155.3	529.6	1.81	0.00	10.32
3,173.0	9.50	315.80	3,107.2	518.4	-159.0	533.8	1.97	-1.94	2.26
3,205.0	9.10	317.50	3,138.8	522.2	-162.6	537.9	1.52	-1.25	5.31
3,237.0	9.30	319.70	3,170.4	526.0	-165.9	542.1	1.26	0.62	6.87
3,268.0	9.00	318.10	3,201.0	529.8	-169.2	546.2	1.27	-0.97	-5.16
3,300.0	8.50	315.40	3,232.6	533.3	-172.5	550.1	2.02	-1.56	-8.44
3,331.0	8.60	317.50	3,263.2	536.6	-175.7	553.8	1.06	0.32	6.77
3,363.0	9.50	321.10	3,294.8	540.5	-179.0	558.0	3.32	2.81	11.25
3,393.0	9.30	320.70	3,324.4	544.3	-182.1	562.2	0.70	-0.67	-1.33
3,425.0	8.70	319.60	3,356.0	548.1	-185.3	566.4	1.95	-1.87	-3.44
3,456.0	8.00	318.00	3,386.7	551.5	-188.2	570.1	2.38	-2.26	-5.16
3,488.0	7.40	317.50	3,418.4	554.7	-191.1	573.6	1.89	-1.87	-1.56
3,519.0	7.20	319.50	3,449.2	557.6	-193.7	576.8	1.04	-0.65	6.45
3,551.0	6.80	318.70	3,480.9	560.6	-196.3	580.0	1.29	-1.25	-2.50
3,583.0	6.50	321.50	3,512.7	563.4	-198.6	583.2	1.38	-0.94	8.75
3,645.0	6.00	321.30	3,574.4	568.7	-202.9	588.9	0.81	-0.81	-0.32
3,677.0	5.40	315.50	3,606.2	571.1	-205.0	591.5	2.60	-1.87	-18.12
3,707.0	4.90	311.40	3,636.1	572.9	-206.9	593.6	2.07	-1.67	-13.67
3,739.0	4.80	315.50	3,668.0	574.8	-208.9	595.7	1.13	-0.31	12.81
3,769.0	5.10	316.30	3,697.8	576.6	-210.7	597.7	1.03	1.00	2.67
3,801.0	5.30	317.80	3,729.7	578.8	-212.6	600.1	0.76	0.62	4.69
3,833.0	5.10	317.80	3,761.6	580.9	-214.6	602.4	0.62	-0.62	0.00
3,864.0	5.10	312.60	3,792.5	582.9	-216.5	604.6	1.49	0.00	-16.77
3,896.0	4.80	309.00	3,824.3	584.7	-218.6	606.7	1.35	-0.94	-11.25
3,926.0	3.90	311.60	3,854.3	586.1	-220.4	608.3	3.07	-3.00	8.67
3,957.0	2.60	323.30	3,885.2	587.4	-221.6	609.7	4.69	-4.19	37.74
3,989.0	1.90	334.20	3,917.2	588.5	-222.2	610.8	2.55	-2.19	34.06
4,019.0	1.60	329.90	3,947.2	589.3	-222.7	611.7	1.09	-1.00	-14.33
4,051.0	1.50	323.50	3,979.2	590.0	-223.1	612.5	0.62	-0.31	-20.00



**Company:** EOG Resources  
**Project:** Uintah County Utah  
**Site:** Chapita Well Unit 1425-1434  
**Well:** #1433-22D  
**Wellbore:** Wellbore #1  
**Design:** Wellbore #1

**Local Co-ordinate Reference:** Well #1433-22D  
**TVD Reference:** True #34 @ 4919.0ft (RKB Elev.)  
**MD Reference:** True #34 @ 4919.0ft (RKB Elev.)  
**North Reference:** True  
**Survey Calculation Method:** Minimum Curvature  
**Database:** EDM 2003.16 Single User Db

### Survey

Measured Depth (ft)	Inclination (°)	Azimuth (°)	Vertical Depth (ft)	+N/-S (ft)	+E/-W (ft)	Vertical Section (ft)	Dogleg Rate (°/100ft)	Build Rate (°/100ft)	Turn Rate (°/100ft)
4,114.0	1.00	317.30	4,042.1	591.1	-224.0	613.6	0.82	-0.79	-9.84
4,177.0	0.40	287.20	4,105.1	591.5	-224.6	614.2	1.09	-0.95	-47.78
4,238.0	0.30	200.80	4,166.1	591.4	-224.8	614.1	0.79	-0.16	-141.64
4,300.0	0.80	194.40	4,228.1	590.9	-225.0	613.6	0.81	0.81	-10.32
4,393.0	1.10	180.40	4,321.1	589.3	-225.2	612.1	0.41	0.32	-15.05
4,487.0	0.70	109.20	4,415.1	588.3	-224.6	610.9	1.17	-0.43	-75.74
4,582.0	0.80	39.10	4,510.1	588.6	-223.7	611.1	0.91	0.11	-73.79
4,677.0	0.40	83.00	4,605.1	589.1	-222.9	611.6	0.61	-0.42	46.21
4,771.0	1.00	139.20	4,699.1	588.6	-222.1	610.9	0.90	0.64	59.79
4,840.2	0.63	142.35	4,768.3	587.8	-221.4	610.1	0.53	-0.53	4.56
<b>Wasatch Top-50' 1433 - Wasatch Top-50' 1433</b>									
4,866.0	0.50	144.70	4,794.1	587.6	-221.3	609.9	0.53	-0.52	9.11
4,960.0	1.10	173.40	4,888.1	586.4	-220.9	608.6	0.75	0.64	30.53
5,054.0	0.40	87.60	4,982.1	585.5	-220.5	607.7	1.22	-0.74	-91.28
5,146.0	0.40	71.10	5,074.1	585.6	-219.9	607.7	0.12	0.00	-17.93
5,239.0	0.50	105.10	5,167.1	585.6	-219.2	607.6	0.30	0.11	36.56
5,332.0	0.40	73.90	5,260.1	585.6	-218.5	607.5	0.28	-0.11	-33.55
5,426.0	0.60	69.20	5,354.1	585.8	-217.7	607.7	0.22	0.21	-5.00
5,520.0	0.30	85.80	5,448.1	586.0	-217.0	607.8	0.34	-0.32	17.66
5,616.0	0.50	114.30	5,544.0	585.9	-216.4	607.6	0.29	0.21	29.69
5,706.0	0.70	103.60	5,634.0	585.6	-215.5	607.2	0.25	0.22	-11.89
5,799.0	0.90	114.90	5,727.0	585.1	-214.3	606.6	0.27	0.22	12.15
5,892.0	1.00	115.20	5,820.0	584.5	-212.9	605.8	0.11	0.11	0.32
5,986.0	0.60	12.20	5,914.0	584.6	-212.0	605.8	1.36	-0.43	-109.57
6,080.0	0.60	23.20	6,008.0	585.6	-211.7	606.7	0.12	0.00	11.70
6,172.0	0.40	4.10	6,100.0	586.3	-211.5	607.4	0.28	-0.22	-20.76
6,296.0	0.30	83.70	6,224.0	586.8	-211.2	607.9	0.37	-0.08	64.19
6,422.0	0.20	118.50	6,350.0	586.7	-210.6	607.7	0.14	-0.08	27.62
6,547.0	0.70	134.30	6,475.0	586.1	-209.9	607.0	0.41	0.40	12.64
6,641.0	1.00	141.90	6,569.0	585.0	-209.0	605.9	0.34	0.32	8.09
6,734.0	0.30	163.40	6,662.0	584.2	-208.4	604.9	0.78	-0.75	23.12
6,858.0	0.50	166.70	6,786.0	583.3	-208.2	604.1	0.16	0.16	2.66
6,983.0	0.60	174.70	6,911.0	582.1	-208.0	602.9	0.10	0.08	6.40
7,109.0	1.10	175.90	7,037.0	580.3	-207.9	601.0	0.40	0.40	0.95
7,202.0	0.70	95.80	7,130.0	579.3	-207.2	600.0	1.29	-0.43	-86.13
7,328.0	1.10	86.60	7,255.9	579.3	-205.3	599.8	0.34	0.32	-7.30
7,420.0	0.80	100.20	7,347.9	579.3	-203.7	599.5	0.41	-0.33	14.78
7,515.0	0.80	110.00	7,442.9	578.9	-202.5	599.0	0.14	0.00	10.32
7,609.0	1.10	110.50	7,536.9	578.4	-201.0	598.3	0.32	0.32	0.53
7,702.0	0.80	119.30	7,629.9	577.8	-199.6	597.5	0.36	-0.32	9.46
7,795.0	1.10	136.60	7,722.9	576.8	-198.4	596.4	0.44	0.32	18.60
8,109.0	1.40	146.40	8,036.8	571.4	-194.2	590.6	0.12	0.10	3.12
8,202.0	1.10	176.40	8,129.8	569.6	-193.5	588.7	0.76	-0.32	32.26
8,294.0	1.00	167.40	8,221.8	567.9	-193.3	587.0	0.21	-0.11	-9.78
8,387.0	0.30	291.30	8,314.8	567.2	-193.4	586.3	1.28	-0.75	133.23
8,544.0	0.30	182.80	8,471.8	566.9	-193.8	586.1	0.31	0.00	-69.11
8,700.0	0.10	222.80	8,627.8	566.4	-193.9	585.6	0.15	-0.13	25.64
8,889.0	0.90	118.00	8,816.8	565.6	-192.7	584.6	0.49	0.42	-55.45
8,982.0	1.10	135.70	8,909.7	564.6	-191.4	583.5	0.39	0.22	19.03
9,262.0	1.50	129.30	9,189.7	560.4	-186.7	578.7	0.15	0.14	-2.29
9,448.0	1.80	124.00	9,375.6	557.2	-182.4	575.0	0.18	0.16	-2.85
9,636.0	1.70	117.20	9,563.5	554.3	-177.5	571.6	0.12	-0.05	-3.62
9,690.0	1.60	123.70	9,617.5	553.5	-176.1	570.6	0.39	-0.19	12.04
9,740.0	1.60	123.70	9,667.5	552.7	-175.0	569.7	0.00	0.00	0.00

**Company:** EOG Resources  
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**TVD Reference:** True #34 @ 4919.0ft (RKB Elev.)  
**MD Reference:** True #34 @ 4919.0ft (RKB Elev.)  
**North Reference:** True  
**Survey Calculation Method:** Minimum Curvature  
**Database:** EDM 2003.16 Single User Db

## Survey

Measured Depth (ft)	Inclination (°)	Azimuth (°)	Vertical Depth (ft)	+N/-S (ft)	+E/-W (ft)	Vertical Section (ft)	Dogleg Rate (°/100ft)	Build Rate (°/100ft)	Turn Rate (°/100ft)
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Projection to TD

## Targets

### Target Name

- hit/miss target	Dip Angle (°)	Dip Dir. (°)	TVD (ft)	+N/-S (ft)	+E/-W (ft)	Northing (ft)	Easting (ft)	Latitude	Longitude
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Wasatch Top-50' 143: 0.00 0.00 4,768.0 565.7 -208.3 624,444.11 2,580,165.25 40° 1' 45.541 N 109° 25' 40.699 W  
 - actual wellpath misses target center by 25.7ft at 4840.2ft MD (4768.3 TVD, 587.8 N, -221.4 E)  
 - Circle (radius 50.0)

## Design Annotations

Measured Depth (ft)	Vertical Depth (ft)	Local Coordinates		Comment
		+N/-S (ft)	+E/-W (ft)	
2,342.0	2,294.6	387.0	-46.7	Tie into Surface Hole Surveys
9,740.0	9,667.5	552.7	-175.0	Projection to TD

Checked By: \_\_\_\_\_ Approved By: \_\_\_\_\_ Date: \_\_\_\_\_